

Copyright Provisions and Restrictions on Copying:

This Ontario Ministry of the Environment work is protected by Crown copyright (unless otherwise indicated), which is held by the Queen's Printer for Ontario. It may be reproduced for non-commercial purposes if credit is given and Crown copyright is acknowledged.

It may not be reproduced, in all or in part, for any commercial purpose except under a licence from the Queen's Printer for Ontario.

For information on reproducing Government of Ontario works, please contact ServiceOntario Publications at copyright@ontario.ca

CA20N EV 665 A35

AIR QUALITY MONITORING REPORT ONTARIO 1977

VOL.5



Ministry of the Environmen

Hon. Harry C. Parrott, D.D.S., Minister

Environment Graham W. S. Scott,
Deputy Minister

CONTENTS

Station Number	Location	No. of Months	Page
NITROC	GEN DIOXIDE		
12008 14049 15001 22071 26029 27037 29008 29025 31001 31105 33002 33003 34002 34007 35003 35003 44010 51001 56051 77016	467 University Avenue, Windsor 156 Victoria Street, Sarnia King/Rectory, London Experimental Farm, Simcoe Edna/Frederick Street, Kitchener North/Geneva Street, St. Catharines North Park, Hamilton Barton/Wentworth, Hamilton 67 College Street, 5th Floor, Toronto Sherbourne/Wilton Street, Toronto Pharmacy and 401, Scarborough Lawrence/Kennedy, Scarborough Science Centre, Don Mills Road, North York Bathurst/Wilson, North York Elmcrest Road, Etobicoke Evans/Arnold Avenue, Etobicoke 1298 Rebecca Street, Oakville McDonald Gardens, Ottawa Memorial Park, Cornwall Ash Street, Sudbury	12 12 11 10 12 12 12 12 12 7 12 12 12 12 12 12	1 8 15 22 29 35 42 49 56 63 67 74 81 86 93 100 107 114 121 128
NITROC	GEN OXIDES		
12008 14049 15001 22071 29008 29025 31001 31105 33002 33003 34002 34007 35003 35033 44010 56051 77016	467 University Avenue, Windsor 156 Victoria Street, Sarnia King-Rectory, London Experimental Farm, Simcoe North Park, Hamilton Barton/Wentworth, Hamilton 67 College Street, 5th Floor, Toronto Sherbourne/Wilton Street, Toronto Pharmacy and 401, Scarborough Lawrence/Kennedy, Scarborough Science Centre, Don Mills Road, North York Bathurst/Wilson, North York Elmcrest Road, Etobicoke Evans/Arnold, Etobicoke 1298 Rebecca Street, Oakville Memorial Park, Cornwall Ash Street, Sudbury	12 12 11 12 12 12 12 12 7 12 12 12 12 12	135 142 149 156 163 170 177 184 188 195 202 207 214 221 228 235 242
NITRIC	OXIDE		
12008 14049 15001 22071 29008 29025	467 University Avenue, Windsor 156 Victoria Street, Sarnia King-Rectory, London Experimental Farm, Simcoe North Park, Hamilton Barton/Wentworth, Hamilton	12 12 12 10 12 12	249 256 263 270 276 283

Station Number	Location	No. of Months	Page
31001 31105 33002 33003 34002 34007 35003 35033	67 College Street, 5th Floor, Toronto Sherbourne/Wilton Street, Toronto Pharmacy and 401, Scarborough Lawrence/Kennedy, Scarborough Science Centre, Don Mills Road, North York Bathurst/Wilson, North York Elmcrest Road, Etobicoke Evans/Arnold, Etobicoke	Months 12 4 12 8 7 12 12 12	290 297 300 307 312 317 324 331
44010 56051 77016	1298 Rebecca Street, Oakville Memorial Park, Cornwall Ash Street, Sudbury	12 12 12 12	338 345 352

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 5 DAY 3 4 2 2 10 3 2 11 12 13 14 15 16 18 19 20 5 6 6 21 22 23 24 25 26 27 28 5 5 2 3 3 4 3 4 4 29 - DATA INVALID 31 3 3 3 3 4 5 4 3 3 3 ***** 4 4 4 4 4 4 4 4 4 3 3 3 3 3 MEAN

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE

PERCENTAGE OF DATA INVALID - 7.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. " INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN DIOXIDE - CHEMILUMINESCENT STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 77 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 7 HOUR 5 6 DAY 4544225678 6 6 7 6 3 4 9 9 7432454632 11 12 13 14 15 16 17 18 19 20 6 3454542 3 3 3 333 4 3 10 3 10 21 22 23 24 7 3 2 2 25 26 27 28 4 5 4.0 4 4 4 MEAN 3

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 36333332222 5 3 5 5 2 4 2 3 5 533433323 8 9 10 11 12 13 14 15 16 17 18 19 2542263363 8 5 5 3 3 5 4 2 6 21 22 23 24 25 26 27 28 29 30 6 3 2 10 2 5 3 2 4 6 10 4 9 15 24456354 232643532 4 4 12 4 3 3 10 3 5 7 10

> 2 3

PERCENTAGE OF DATA VALID - 99.2

31

MEAN

5 5 4 4

PERCENTAGE OF DATA INVALID - 0.7

3 2 2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

8 7 4

2

3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

4 5 5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	-	NITRO	GEN DI	OXIDE	- CHEM	ILUMI	NESC	ENT				21100	- 0.0	01 PAI	RTS/M	ILLIO	N						
	STA	TION -	SW	NO	12008	4	67 UN	IIVERS	117	AV WES	T F2	WINE	SOR			MON	тн -	JUN	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	5 3 4 3 5 1 3 2 3 3	6543513323	5 2 3 3 4 1 3 3 2 3	4 1 2 3 2 1 2 3 1 2 3 1 2	4 1 3 2 2 1 3 2 2	5 2 4 3 1 2 2 3 3	3 2 4 3 1 2 3 3 3	3 3 6 2 2 2 3 3 3	4 3 2 5 2 2 2 3 3 3	4 2 2 4 3 2 2 5 2 2	3 2 4 2 2 2 4 2 2 2 4 2 2 2 4 2 2 2	3 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 **** 2 3 1 1 2 2 3	3 2 2 2 2 2 2 2 2 3	4 3 3 2 2 2 2 2 2 2 3	4 3 2 2 2 2 3 2 3	4 3 3 2 2 2 2 2 2 2 2 2 2	4332222222	2 3 2 3 2 1 2 2 2 2 2 2	2 4 2 4 2 1 2 2 2 2 3	2 5 2 5 2 1 3 2 2 4	3 5 2 5 2 2 3 2 3	3 4 3 4 2 3 3 2 3 4	3 4 3 2 3 3 2 3 2 4	4 3 3 3 2 2 2 2 3 2 3
11 12 13 14 15 16 17 18 19 20	5 3 2 3 4 4 2 3 3 4	4 4 2 3 3 4 2 4 4	3 4 2 3 3 4 3 4 4	3 1 3 2 4 2 2 4 4	2422342243	2423342234	2 4 3 2 4 4 3 2 2 4	3 4 3 3 4 5 3 2 2 4	2 4 4 4 4 3 2 2 3	2 3 3 3 3 2 2 2 2 2 2 2	2 3 2 2 2 2 2 2 2 2 2 2	2 4 3 2 2 2 3 2 1 2	3 4 2 3 2 2 3 2 2 3 2 1 2	4 3 2 3 2 2 3 2 1 2	4 3 2 2 2 2 2 2 2 2 2 2 2 2 2	3 2 3 2 2 2 2 2 1 2	3 3 2 2 2 2 2 2 2 2 2	3 2 2 2 2 2 2 2 1 2	3 2 2 3 2 1 2	4 3 4 3 2 1 4 2 2 2 2	4 2 4 3 3 1 4 2 3 2	4 2 3 4 5 2 5 3 4 2	4 3 3 3 5 2 5 3 4 2	3 2 3 3 4 2 4 3 4 3	3 2 3 3 3 3 2 2 3 3 3 2 2 3
21 22 23 24 25 26 27 28 29 30	3 4 3 2 5 4 2 2 3 5	3532542224	3 5 3 4 3 3 4 4 4	3 4 3 2 3 4 3 2 2 4	3 2 3 4 3 2 2 4	3 4 3 3 3 4 4 3 2 4	2 4 3 4 3 4 5 3 4	3 5 4 6 3 3 4 3 4	3 4 3 2 5 3 4	3 3 3 **** 2 2 2 7 3 4	2 3 2 3 2 2 4 4 2 4	2 1 1 3 2 2 4 4 2 3	2 1 1 2 2 2 2 2 3 2 3	2 2 1 2 2 1 3 2 2	2 1 2 2 2 1 3 2 2	2 1 2 2 1 3 2 2	2 2 1 3 2 2 2	1 2 1 3 2 2 2 2 2 2 2	1 2 1 2 2 1 1 2 1 3	2 2 2 2 2 2 2 2 3	3 2 2 3 3 2 2 3 3 3	3 2 2 3 4 3 2 4 4 3	3 2 3 4 4 2 3 4 3	3 2 3 4 4 2 3 4 3	2 3 2 3 3 3 2 3 3 3
MEAN	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 DAY 12 13 14 15 16 17 18 22 23 24 26 27 29 MEAN

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 77 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY **** 3 **** **** **** 1 3 3 13 14 15 ò 19 20 22 23 24 25 27 3 **** MEAN 3 3 3 3 2.6

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

			The second of the second second second
STATION - 5	W NO 12008	467 UNIVERSITY AV WEST F2 WING	OSOR

MONTH	NO OF DAYS	AVERAGE	CONCENT	24 - HOUR MAXIMUM	MAXIMUM READING
JAN	28	3	7	5	8
FEB	28	4	. 0	7	10
MAR	31	3	. 8	6	9
APR	30	3	. 8	8	18
MAY	31	3	. 9	7	16
JUN	30	2	. 7	14	7
JUL	24	3	. 0	5	9
AUG	22	2	. 6	5	7
SEP	30	3	. 1	5	9
OCT	30	2	. 6	4	8
NOV	26	. 2	. 7	4	7
DEC	31	3	. 6	5	51
YEAR	341	3	. 3	8	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GR	OUP FREQUE	NCY DISTRI	BUTION FOR	1977						
POLLUTANT -	NITROGEN	DIOXIDE - CH	EMILUMINES	CENT		UNITS - 0.0	1 PARTS/MIL	LION		
STATION -	SW NO 120	008 467	UNIVERSIT	Y AV WEST	F2 WINDSOR					
MONTH	00 TO 01	02 10 03	04 TO 06	07 TO 10	11 10 13	14 TO 20 2	1 &OVER	TOTAL		
JAN	0	291	390	7	0	0	0	688		
FEB	10	265	348	39	0	0	0	662		
MAR	2	329	387	24	0	0	0	742		
APR	30	329	306	43	3	1	o	712		
MAY	8	350	318	57	3	2	0	738		
JUN	46	517	146	1	0	0	0	710		
JUL	18	439	153	8	0	0	0	618		
AUG	58	376	97	2	0	0	0	533		
SEP	28	474	195	9	0	0	0	706		
oct	126	443	133	6	0	0	0	708		
NOV	21	536	92	1.	0	0	0	650		
DEC	2	349	373	2	1	O	0	727		
YEAR	349	4698	2938	199	7	3	0	B194		
FREQUENCY		ION BY PER	CENTILES		001/051					
	PERCENT OF DATA			EDEO		TRATIONS	RCENT			ARITH
	VALID	MIN	10	30 5		90	95 98	99	MAX	MEAN
	93.5	0	1,2	2.0 2.1	6 3.4	4.6	5.3 6.4	7.0	18	3.3

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS . 0.01 PARTS/MILLION STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - JAN 77 HOUR DAY 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 7 6 3 **** 3 7 4 5 10 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 4 4 5 30 2 **** **** MEAN 3 3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTAN'	T - N	ITRO	GEN D	IOXID	E-CH	EMILUMIN	ESC	ENT				UNITS	- 0	.01 P/	ARTS/	MILLIC	N						
	ST	ATION	- SW	NO	14049		156	VICTORIA	ST	NORTH	SA	AINS				MON	TH -	FEB	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1,1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 6 3 1 2 1 6 6 5	2353123664	2 2 6 2 1 2 2 5 7 4	2 2 5 2 1 2 3 6 7 4	2243223665	2332322566	2 2 3 3 2 1 3 6 5 5	4 4 2 2 2 6 6	3 4 4 4 2 2 2 7 6 7	2 4 3 5 2 2 2 6 6 6	2 4 1 2 7 7 5	3 5 2 1 1 2 9 5 6	3 4 2 3 1 1 3 9 5 5	2325112944	2 4 2 **** 1 1 2 8 5 6	2 4 3 4 1 2 6 5	3 5 3 4 1 2 3 6 7 5	3533222674	3623233665	4633123887	3634124898	3633235878	3 6 3 2 3 4 6 7 6 8	2532326757	2433223766
11 12 13 14 15 16 17 18 19	7 5 2 2 1 2 0	6532120	7 5 3 2 1 2 0	7 5 4 2 2 2 0	6532130	7 6 3 2 2 4 0	7 6 2 2 2 4 0	4 2 2 3 5	6 4 1 2 3 3 0	4 3 1 2 3 2 1	4 3 1 2 2 2 2 * * * *		DATA	2	ID -	3 5 1 2 3	4 5 1 2 3 0 ****	4 5 1 2 3 1	5 5 1 2 3 1	4 4 1 2 3 1	4 4 1 2 4 1	4 5 1 2 5 0	4 5 1 2 5 0	5 5 1 2 3 0	5 5 2 2 3 2
21 22 23 24 25 26 27 28					****				* *		***		DATA DATA DATA DATA DATA DATA	INVAL INVAL INVAL INVAL INVAL INVAL	.1D - .1D - .1D - .1D -		****	2	3	4	4	4	4	4	*****
MEAN	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 59.2 PERCENTAGE OF DATA INVALID - 40.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNIIS - 0.01 PARTS/MILLION

	ST	ATION	- SW	NO	14049	9	156 \	ICTOR	IA ST	NORT	H SA	RNIA				MON	TH -	MAR	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 1	2	2	3	3	4	3	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
2	3	3	3	2	2	3	3		3	2	2	2	2	2	2	2	3	3	8	8	8	7	7	7	4
3	7	7	8	8	8	8	7	7	5		3	3	4	5	5	4	5	5	5	4	4	5	5	4	6
5	2	2	3	3	3	4	2	2	3	3	2	2	2	2		5	4 2	3	3 2 3	4	4	4	2	2	3
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
7		2	2	2	2	2	2	3	3	4	4	3	3	3	3	2	3	3	4	3	3	3	5	3	2
8	5	6	6	6	6	6	3	6	6	6	7		7	7	6	6	6	6	6	6	7 6	5			3
9	2 5 6	6	7	6	7	6	7	7	6	6	7	6	6	7	8	8	9	9	10	10		8	7	8	7
10	8	8	В	7	7	7	6	6	8	7	В	8	8	6	7	7	6	7	8	5	9	7	8	8	7
			_	-			_	-									-		0	5	6	×	۰	٥	
11	5	5	5	5	4	4	4	7	5	4	3	3	2	2		2	3	4	6	5	4	4	3	3	
12	3	3	3	3	2		3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	
1.3	2	2	2	3	3		2	2	4	4	3	3	3	4	3	4	4		4	5	4	4		3	
14	2	2	2	2	2		3 4	3	2	2	2	2	3	2	2	3	3	4	4	4	4	5	6	6	
15	6	5	4	3	3		4	4	3	3	3	****	3	4	3	3	4	3	3	3	5	4	2	1	3
16	1	-1	2	2	2		2	2	2			1	1		2	2	4 2 3	2	3 2 4	2	2	2	2	2	
17	2	1	1	2	2		3		2			1	2	2	2	2	3	3		3	2	2	2	2	
18	1	1	1	1	- 5	1	2	2	3	2	2	2	2	2	2	2	2 2	2	2	1	1	2	2	2	
19	3	3	3	3	3	3		2	3	3	3	2	2	2 2	2	2	2	4 2	5	4	4	3	4	3	
20	3	2	2	2	- 3	1	2	2	1	2	2	2	2	2	1	1	2	2	3	4	4	4	3	3	2
21	2	2	3	3	4		6	6	6		5	6	* * * *	****	****	6	5	3	3	3	3	3	2	2	4
22	2	2	2	1	1	2	2	3	2	2	2	2	2	1	1	2	2		2	3	4	4		5	
23		3	3	3	3		4		4	5	6	6	6	8	8	6	3		2 2	2	2	2		1	
24	1	2	1	1	1	1	2		2	2	2	1	2	2	1	2	3	3		2	2	3	3	2	
25 26	3	2	2	2	2	2	2	4	3	2	3	2	2	3	3		4	4	3	4	4	4	4	4	3
26	4	5	5	5	6	6	5	4	2	2	- 1	1		****			****	****	****	****			****	****	*****
27		SEC 13 (100 mg - 1				VICE WITH THE		4400					DATA	INVA	L10 -		The second second	-	020	7.20	160	121	_	_	
28	****	****				****			• • • • •		****	****			****	****	****	3	2	3	3	3		5	
29	4	4	3	2	1	2	4	5	6	5	5	5 5	4	3	2	3	6	6	7	8	6	7	6	6	
30	5	3	5	5	2	3	3	4	5	4	4	5	4	5	2	3	ى	3	3	4	4	4	3	2	4
31	2	2	2	1	1	1	1	1	1	3	3	3	3	2	2	2	3	3	2	2	3	3	4	4	2
MEAN	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 91.0 PERCENTAGE OF DATA INVALID - 9.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. . "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

		POLI	UTANT	- N	ITRO	GEN DI	OXIDE	- CHEM	ILUMIN	4ESC	ENT			J	JNIIS	- 0.0	1 PAR	TS/M	LLION	V							
		STAT	ION -	SW	NO '	14049	1	56 VI	CTORIA	ST	NORTH	4 SA	RNIA				MONT	H - J	APR	77							
HOL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9		4 2 2 2 4 1 3 1 4 6	3 2 2 2 3 1 3 1 4 5	4 3 2 3 2 1 3 2 5 5	4 3 1 3 2 1 3 1 5 3	4 2 1 2 1 1 2 1 6 2	4 2 1 2 1 2 1 2 1 6 4	4 3 1 2 2 2 3 1 5 4	3 2 1 2 2 2 3 1 5 3	2 2 1 2 3 2 3 2 4 2	2 1 2 3 2 4 2 3 2	3 1 2 3 2 5 2 2 2 2	2 3 2 2 5 2 2 2 2	3 1 2 1 1 5 1 2 2	2 4 2 2 2 2 6 1 2 2	2 2 2 2 7 1 3 2	2 2 2 2 4 1 6 2	2 3 1 2 1 3 4 1 4 2	2 3 1 2 1 3 5 1 5 2	262212264	3 4 3 2 1 2 2 2 5 4	4532222234	3 4 2 2 3 1 3 4	3 2 4 3 1 3 1 3 4 3	3 2 3 4 1 3 1 4 5 3	3 3 2 2 2 2 2 3 2 4 3	
11 12 13 14 15 16 17 18 19 20		7 4 8 2 2 5 6 3 2 5	6 4 7 2 2 5 6 2 2 3	6 6 6 2 3 5 7 2 2 2	6 5 3 2 2 4 6 3 3	6 4 2 1 2 3 5 3 2 2	6 4 2 2 2 2 4 3 2 2	7 4 4 2 3 4 4 2 3 3 3	8 4 5 3 3 5 4 4 2 4	8 3 6 3 5 3 4 2 5	9 3 4 3 5 1 2 4 6	9 2 3 2 3 7 2 1 4 3	10 3 3 7 2 1 5	1 3 2 2 3 5 2 1 4 2	3 2 2 3 6 2 1 4 2	4 2 2 3 3 6 3 2 1 0 2	2323333294	3 3 3 4 4 3 2 8 5	3433455383	2 4 2 3 4 5 6 5 8 2	2 6 2 3 4 5 7 4 7 2	4 6 2 4 3 6 8 4 5 2	692475572	6 9 2 3 4 7 3 3 7 3	5 8 2 3 4 7 3 3 4 3	5433354353	
21 22 23 24 25 26 27 28 29 30		2 3 2 1 2 6 1 5 6	3 4 3 2 2 5 1 5 5	4 4 3 2 2 4 1 4 5	3 3 2 2 2 4 1 2 5	3 3 1 1 5 1 3 6	24 - 3255145	2 4 1 3 4 6 1 5 5	3 4 2 4 3 6 2 4 6	3 2 2 2 2 2 6 2 3 6	5 2 2 2 2 2 6 6 2	6 2 1 2 2 7 2 2 4	8 2 1 2 2 6 2 4	7 2 2 1 2 2 4 2 * * * * 5	7 2 2 1 2 2 5 2 4 6	6 2 2 2 2 2 4 2 4 5	622235245	7 2 3 1 2 3 6 2 4 6	6 2 3 2 3 2 7 2 3 6	7 2 3 2 3 2 4 2 3 6	7 2 3 2 4 3 2 4 6	6232356245	7 2 3 2 3 6 6 3 5 4	5 2 3 3 3 6 1 3 6 4	5 2 3 2 2 5 1 3 6 3	5 3 ****** 2 2 3 5 2 4 5	
MEA	N	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3.3	

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	ATION	- SW	NO	14049		156 V	ICTORI	A ST	NORTH	54	RNIA				MON	TH -	JUL	77							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEA	N
1	2	1	ĩ	1	1	6	5	3	2	1	1	ĭ	1	1	1	1	1	1	1	2	4	4	3	2		2
	2 2 2 6	2	2	2	2 4 2	6 2 4	5 2 6	3 2 7 2	2 2 7	2	2	2	1	1	1	1		1	1		2	3	2	1		2 4
3	2	2	1	2	4	4	6	7	7	5	5	4	3	4	4	4	4	3	3	4	3	5	5	4		4
4	6	7	2 1 8	2 2 3	2	2	1	2	4													****				
5	-			-	-	-		0.0					DATA	INVAL	1D -											
6														INVAL												
2 3 4 5 6 7 8													DATA	INVAL	ID -											
8												361	DATA	INVAL	ID -											
9												90	DATA	INVAL	ID -											
10												-	DATA	INVAL	ID -											
11												900	DATA	INVAL	ID -											
12														INVAL												
13														INVAL												
1.4														INVAL												
15														INVAL												
16														INVAL												
17														INVAL												
18														INVAL												
19														INVAL												
20												(*)	DATA	! NVAL	10 -											
21														INVAL												
22														INVAL												
23														INVAL												
24														INVAL												
25														INVAL												
26														INVAL												
27												.00		INVAL			2	2								1.55
28	• • • •	• • • •	• • • •			• • • •		••••	• • • •		• • • •	••••	••••			1	1			3	4	3	4			
29	2	2	2	2	2	3	6	5 2	8	6	5	5	4		5	7	6	4	3	3	5	3	3	3	3	4 2
30	4	3	3	3	2	2	2	2	2	2	1	,	-1	1	1	1	,	,	,	1	1		2		2	2
31	1	2	1	1	3	1	1	2	2	2	3	4	2	1	*	1	1	2	2	2	3	3	3	5	3	2
MEAN	3	3	3	2	2	3	3	3	4	3	3	3	2	2	2	2	2	2	. 2	2 2	9 3		3		3	2.6
																						`		_		
PERCEN	TAGE	OF DA	TA VA	LID	21.8			PERCE	NTAGE	OF D	ATA	INVAL	ID -	78.2		P	ERCEN	ITAGE	OF DA	ITA UN	IAVAIL	ABLE	÷ 0.	0		

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXID	E - CHE	MILUM	INESC	ENT				UNITS	- 0.0	01 PA	RTS/M	LLLIO	N .						
	STA	TION -	SW	NO	14049		156 V	ICTOR	IA ST	NORT	H SA	RNIA				MON	тн - ,	NUG	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	2	2	1	1	1		1	1	1	1	1	1	1	1	1	1	3	1	4	3	3	3	3	3	2
2	3	4	4	3	3	4	4	4	4	4	4	5	3	3	4	4	4	3	3	3	2	1	1	1	3
3 4	1	1	1	5	2 5	3	4	5	6	5	5	4	4	4	4	4	4	4	5	2	2	2	3	3	3
4	2	4	5	5		5	6	6	5	7	7	4	3	4	5	5	4	3	3	3	2	1	1	2	4
5	2	2	3	2	2	4	2	2	••••	2	2	2		2	3	3	3	3	3	6	2	2	2	2	2
e -	3	3	2	2	3	2	3	1	2	2	1	- 1	2	2	2	1	2	2	1	2	2	2	3	2	2
8	2	3	2	2	3	3	3	1	2	4	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2
9	- 1		3	-	2	2	2	5	3			3	2	2	2	2	2	2	2	3	3	1	1	1	2
10	- 1			4	5	2	3	4	1	5	4	- 1	2	2 2	2	2 5	4	2	1	2	1	2	2	1	2
10	-1	1	100	4	5	2	3	4	3	5	-	2	2	2	4	5	4	3	3	4	7	5	5	2	3
1.1	2	2	3	2	2	2	3	2	2	1	2	2		2	3	4	3	3	3	3	3	3	3	3	3
12	3	2	2	2	2	2	3	3	2	3	1	2	2	2	2	2	1	2	3	6	5	3	4	3	3
13	4	5	8	7	6	6	4	5	6	4	3	4	3	3	4	4	3	5	5	6	6	4	6	5	5
14	4	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	2	5 2
15	2	3	3	3	3	3	3	4	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	
1.6	2	1	1	1	1	1	3	2	3	5	5	6	5	6	5	5	4	2	2	2	3	3	3	1	2 3 2
1.7	1	1	1	1	3	2	2	2	2		2	2	2	2	1	1	2	2	1	2	1	1	1	1	2
18	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	2	2
19	1	2	2	4	3	3	4	4	2	2	1	2	2	2	2	3	2	2	2	3	2	1	2	1	2 2
20	3	3	3	2	3	2	2	3	2	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1	2
21	1	1	4	1	1	1	2	2	3	3	3	3	3	3	5	4	3	5	3	4	3	2	1	1	2
22	1	1	1	1	2	3	2	1	2	1	2	2	2	1	2	2	2	3	5	5	Š	7	6	5	3
23	3	2	2	2	1	2	3	2	11		2	2	2	2	2	2	2	3	1	1	1	1	1	1	2
24	1	1	1	1	1	2	3	2	2	2	1	2	1	1	1	2	1	1	2	4	4	4	3	3	2
25	4	2	4	3	3	3	4	5	4		2	2		1	2	2	2	2	3	3	2	3	3	3	3
26	2	2	2	2	2	3	4	3	2	2	3	5	4	3	3	4	4	3	3	4	3	3	2	2	3
27	2	2	4	4	4	4	3	- 4	4	5	6	6	5	4	4	4	5	5	5	7	5	4	5	5	4
28	6	6	5	4	3	3	3	3	4	4	4	4	3	3	4	4	4	5	4	6	6	6	6	5	4
29	3	3	4	3	4	3	2	3	2	2	2	2		2	2	3	2	2	1	1	1	1	1	1	2
30	1	1	1	1	1	2	2	2	- 1	1	1	- 1	,	1	- 1	1	1	1	3	3	2	1	1	2	1
31	1	1	1	3	2	2	3	2	Ĭ	3	3	2	3	3	3	2	1	1	ň	1	1	2	1	1	2
MEAN	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3	3	2	2	2	3	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH : NOV 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 1 2 3 4 5 6 7 8 9 10 22222 11 12 13 14 15 16 17 18 19 20 2 2 2 21 22 23 24 25 26 27 28 3 2 2 3 3 2 2 2 3 2 2 3 3 2 2 3 2 1 22222234 23253 29 30 3 3 ... MEAN 2 2 2 2 2 2 2 2 3 3

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *-* INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXID	E - CHE	MILUMIN	ESC	ENT				UNITS	- 0.	01 PA	RTS/M	ILLIO	N						
	STA	TION .	SW	NO	14049		156 V	ICTORIA	51	NORTH	SA	RNIA				MON	тн -	DEC	77						
HOUR	ť	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1	3	3	3	3	3	3	3	2	3	3	3	3	2	2	2	3	2	2	2	3	3	3	2	2	3
2	1	1	1	1	1		1	1	1	2	2	1	1	1	2	2	2	2	3	2	3	3	3	3	2
3	2	2	2	1	2	2	3	2	2	2	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2
4	2	3	3	2	2	2	2	2	2	1	1	1	1	1	- 1	1	2	3	4	4	4	3	3	3	2
5	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	5	1	1	1	-	,	1	2	2
6	1	1	1	1	1	2	3	3	2	2	2	2	2	1	ī	2	2		2	2	2	1	i	2	2
7	2	2	2	2	1	2	2	2	2	2	1	2	1	- 1	2	2	3	4	4	4	4	4	à	4	-
8	5	4	4	4	4	5	4	5	5	4	3	3	3	3		ā	4	3	3	3	4	3	4	5	2
9	4	3	3	3	2	3	2	2	2	2	2	2	1	2	2	2	2	2	2	3		3	2	3	4
10	2	2	3	2	2	2	4	2	3	2	2	2	2	3	3	2	2	4	3	5	6	5	5	5	2
1.1	5	5	4	4	4	4	4	4	3	3	2	2	2	2	3	2	3	3	5	5	5	5	5	4	4
12	3	3	3	3	2	3	4	4	5	4	4	4	4	4			6	5	5	5	5	4	4	Δ	4
13	4	4	4	4	3	3	4	4	4	4	5	5	5	5	5	5	5	4	4	4	5	4	4	4	24
14	4	4	4	4	3	4	4	4	4	5	3	4	3	3	3	2	3	3	2	2	2	2	2	2	3
15	2	2	2	2	2	2	3	3	3		2	3	4	6	4	3	4	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	4	3	3	2	3	3	3	3	4	4	4	4	4	4	4	4	3
17	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3
18	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	Ā	ă	4	4	4	4	3	3	3	3
19	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2		3
20	2	2	2	2	2	2	2	2		••••	2	2	2	2	3	2	3	3	2	2	2	2	3	2	2
21	3	3	2	3	3	2	2	3	3	3	4	2	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	2	2	2	2	2	3	3	2	2	2	2	3	3	4	4	4	3	4	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	4	3	4	3	4	5	5	5	5	4	5	4	4	4	3
24	5	4	5	4	5	4	4	3	3	3	3	3	3	4	3	3	4	3	3	3	3	3	4	3	4
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	- 7	1	1	ĭ	ĭ	1		1	7	3	-
26	2	1	111	1	- 1	1	1	1	1	1	1	1	4	1	2	2	3	4	2	2	3	3	2	2	1
27	2	2	2	2	2	1	2	2	3	2	2	2	2	2	2	5	3	3	2	3	2	3	3	4	2
28	4	3	3	4	4	5	3	4	4	4	3	5	4			4	ă	4	4	4	3	3	3		2
29	3	3	3	2	3	3	3	4	4	4	5	4	4	4	4	4	a	5	5	5	5	5	4	3	4
30	3	3	3	3	3	3	4	4	3	4	3	3	3	4	3	3	2	3	2	3	3	4	3	3	3
31	3	3	2	2	2	1	2	4	4	5	3	2	2	3	2	2	3	4	3	3	3	2	2	3	3
MEAN	3	3	3	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	_			. //5	den or				1.,,	0000				9141 13	0.	7 1 141	c i Sy mi	LLIU							
	STA	TION -	SW	NO	15001		WESTER	N FA	IR GF	OUNDS	KING	/RECT	ORY, L	оирои		MONT	гн - с	JΔN	77						
HOUR	1	2	3	4	5	Б	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	1 2 3 4 8 8 4 4 2 2	2 2 3 3 9 6 4 4 2	2 3 4 3 7 7 4 3 1 2	1 4 3 3 6 6 4 4 1 2	1 2 4 3 6 7 4 4 1 2	1 1 4 2 7 7 4 4 2 2	1 2 3 2 8 8 3 5 1	1 2 3 3 6 7 2 5 1 3	1 2 4 3 8 8 2 4 1 3	1 3 4 2 8 5 1 4 1 3	1 3 3 2 6 3 2 4 1 3	1 2 5 2 5 4 1 4 1 3	1 3 5 2 4 1 3 1 3	1 3 5 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 3 5 2 5 1 3 1 2	2 3 6 2 3 5 1 4 1 2	3 4 6 4 4 2 3 1 2	2 4 4 6 7 5 3 4 2 2	2 4 5 8 5 4 3 4 2	2 4 5 6 7 5 3 5 3 1	3 4 5 7 6 4 3 4 3 1	2468934541	2458644421	2 4 9 7 4 4 2 1	2 3 4 4 6 5 3 4 2 2
11 12 13 14 15 16 17 18 19 20	1 4 4 5 3 3 1 2 2 3	1 4 4 3 3 1 2 3	1 3 4 4 3 2 2 2 2 3 2	1 3 5 4 3 2 2 2 3 2	1 3 5 5 4 2 3 2 2 2	1 3 5 4 4 2 3 1 3	1 4 5 5 3 2 4 4 2 4	2366433434	2364423444	2 4 5 3 2 3 3 4	1 2 3 6 3 2 4 2 2 3	1 2 3 5 3 1 3 1 2 3	1 2 3 4 5 2 3 1 1 3	1 2 4 5 3 1 4 1 1 4	2 2 3 5 2 2 4 1	2 2 4 6 3 2 5 2 2 5	4 3 4 6 3 2 5 2 2 7	5 4 4 7 4 3 5 3 2 8	4 4 6 3 3 2 7	4456332238	4 4 4 5 2 2 2 3 2 7	4 4 5 4 2 2 2 3 3 6	4 4 5 4 3 1 2 4 3 5	4 4 6 4 3 1 3 3 5	2345323224
21 22 23 24 25 26 27 28 29 30	5 1 4 4 4 3 1 4 2 3	5 1 5 3 5 2 1 3 2 3	5 1 4 3 5 2 4 2 3	5 1 5 3 5 2 2 3 2 3	5 1 4 3 5 2 2 3 2 3	5 1 5 4 4 2 3 3 2 3	5 1 4 **** * 5 4 3 3 2 3	4 1 3 *** 4 4 3 3 2 3	4 1 3 4 6 3 4 2 2	3 1 4 **** 3 3 2 3 2 2	3 1 3 4 3 2 2 2	3245333222	2 2 3 4 2 2 2 2 2 2	1 1 3 5 2 3 2 2 2 2	2136323222	2 2 4 6 3 2 2 3 2 2	2 2 3 5 2 3 4 2 2 2	3 3 4 5 4 3 4 1 3 3	3 2 4 5 4 3 4 2 2 2	3 4 6 3 3 4 2 3 3	3 4 4 3 2 4 3 3 4	2 3 4 4 4 2 4 2 4 2	2 3 6 5 3 1 4 2 4 2	2 4 5 4 3 1 4 3 3 2	32444333323
31 MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5 4	5 4	4	3	3	2	2	3.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXID	E - CHEMI	LUMIN	ESCE	NT			ı	JNITS	÷ 0.	01 PAF	RTS/M	LLIO	N						
	STA	TION -	SW	NO	15001		WESTERN	FAIR	GRO	UNDS	KING/	/RECT(DRY.L	ОИДОИ		MONT	гн - н	EB	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	3 2 4 3 2 1 6 6 6	3 2 4 2 2 1 1 6 6 5	3 1 4 2 1 1 6 6 4	2 4 2 1 1 7 6 3	1 2 3 2 1 1 1 6 6	1 2 3 2 1 1 1 8 7 5	2 3 3 1 1 2 6 6	2 3 4 1 1 2 8 5	3 4 4 1 1 3 7 6	2 3 4 4 2 1 3 7 5	2 3 3 2 1 1 2 5 4	2 3 3 2 1 1 5 3 5	2 3 2 2 1 1 2 5 4	2 4 2 2 1 1 2 4 4	2 2 **** 2 1 1 2 3 4 5	2 2 3 2 2 3 4 4 5	3 4 2 4 1 2 3 5 6 7	3 4 4 3 2 2 2 5 7 8	3 4 3 4 2 3 5 6 8	3 5 2 4 3 4 6 4 7 7	3 4 2 4 2 4 5 6	3 4 3 4 2 4 5 5 6 8	2 5 2 3 2 3 6 4 7 9	2534336568	2 3 3 3 2 2 3 5 6 6
11 12 13 14 15 16 17 18 19 20	6 5 4 1 1 2 5 6 5 3	5 5 4 2 1 3 5 5 5 2	3 4 3 1 1 3 4 5 5	4 4 2 1 1 3 4 5 3	5 4 2 2 1 2 5 4 2	9 5 2 2 1 3 4 4 1 2	7523254422	5 5 2 3 2 4 5 6 2 2	5515356622	4 5 2 3 2 3 4 5 1	4 4 1 **** 2 2 4 5 1	4 6 1 2 2 1 3 4 2 1	3 6 2 1 2 2 3 4 4 1	4 5 2 1 2 1 4 5 2 2	4 5 2 2 1 5 7 2 2		5 6 2 2 2 3 6 7 2 1	5622325622	6623325822	6523327923	5522235522	5 4 2 2 3 4 4 7 2 2	4 5 2 3 3 4 4 5 3 2	4 5 1 2 3 4 5 7 3 2	5522235622
21 22 23 24 25 26 27 28	2 3 5 3 2 2 3 2	1 3 4 3 2 3 3	1 4 4 2 2 2 2 2	2 4 4 2 2 1 2 2		3 4 2 3 2 1 2 2	5 6 2 4 3 1 2 3	5 4 2 4 3 2 2 4	3 4 2 4 4 2 4	2 5 3 5 3 5 3 2 5 4	2 3 3 5 3 2 6 2	1 2 3 5 2 2 6 2	1 3 5 3 4 5 2	2 3 6 3 4 2	2 2 3 5 3 3 3 2	3 2 5 3 4 2	4 4 3 3 3 4 2 3	6 4 3 4 4 4 2 4	7 8 3 5 4 4 2 4	86333324	4 5 3 6 3 2 4	4 5 2 2 3 3 2 4	4 4 2 3 3 3 3 2 4	4 4 3 3 3 3 4	3 4 3 4 3 3 3 3 3
MEAN	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3.3

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY LONDON MONTH - MAY 77 8 '9 10 11 12 13 HOUR 14 15 16 17 18 19 20 21 22 23 24 MEAN 12 13 14 15 17 6 3 2 6 19 20 2 2 6 22 23 24 25 26 27 28 29 30

PERCENTAGE OF DATA VALID - 99.3

MEAN

4 4 3 3 3 4 4 4

PERCENTAGE OF DATA INVALID - 0.5

3 3 3 3 3 3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

4 3.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - JUN 77 24 MEAN 10 11 16 17 18 20 21 22 HOUR 3 4 5 6 7 8 9 10 2 3 12 13 14 15 16 17 18 19 20 1 3 22 23 24 25 26 27 28 29 MEAN 2.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.6

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - SEP 77 HOUR DAY 6 7 B 9 10 11 12 13 14 15 16 17 1B 19 20 21 22 23 24 MEAN 4 5 10 12 13 14 15 16 17 18 20 0 25 26 27 28 30 MEAN 2 1 • 1 1 2 2 2 2 2 2 1.5 2

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LELS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

				NITE	OGEN	DIOXI	DE - CH	EMILL	MINES	CENT				UNIT	s - c	01 6	ARTS/	MILLIC) N							
		TATIO	N - 5	W NO	1500	1	WEST	ERN F	AIR C	ROUNDS	KIN	G/REC	TORY,				NTH -		77							
DAY	,	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	1.6	17	18	19	20	21	22	23	24	MEAN	
1	2	1		,																						
2	2	- 1			- 1		1		1	- 1	1	1	1	1			1				-	- 2	12.0			
3	ō	ó		100	- 3		0		. 0		1	1	0	0	0	C	1	0		- 1	- 3	- 1	,	2		1
7	1	0				1	1		1	1	1	1	1	1	1	,	1		1		1	- 1	1			1
5						1	2		- 1	1	1				- 4	2			2	- 1	1	1	1	1		1
	2	3	3	3	4	3	2	3	3	2	3	2	-	,					4		3	3	4	3		2
6	1	1	1	1	1	2	3	•	2		ĭ				2				3		2	2	1	1		3
7	1	1	1	1	1	- 7	Ĭ,		1		;	1		- 1	1	1	2	2	2	2	2	1	2	2		2
8	1	1			- 1	- 4						1		* * * *		1	1	1	1	1	1	¥.	7	- 7		•
9	2	2	- 1			- 2	- 1	1		- 1	2	3	3	3	2	3	2	2	2		2	2	- 2	2		1
10	7	- 7							1	1	1	1	1	1	1	1	,	- 1	,	i	1	1				2
				1	9.	1	1		1	1	1	1	1	1	1	2	2	4	á	3			7	1		1
11																	-		4	3	3	5	6	6		2
	4	4	5		4	3	3	3	3	3	3	3	2		3	4	-									
12	1	1	- 1	1	1	2	2	2	2		2		2	2			3	3	2	3	3	2	1	1		3
1.3	- 2				146	100	15		- 5				-				3	3 3 3	3	2	2	2	2	2		2
14	5	4	4	3	3	4	6	5	4		3	1	2	2		2	3	3	3	3	5	6	4	- 5		÷.
15					-	.53		3		4	3		••••	3								-	39	-		
16												- D4	TA U	IAVAL	LABLE											-
17	127											- D4	TA UT	AVAI	LABLE	. *:										
18	4			- 0	-		141			*		2	2	2	2	2	3	4	7	I C	100			0		
19	8	7	3	- 4	4	4	4	9	13	7	9	10	1.1	8	9		12	14		5	5	5	4	4		•
20		,	6	5	4	5	4	4	4	5	5	5	5	4	3		4	4	12	12	10	8	6	9		8
20		••••	••••	••••			****												5	5	6					5
21	5	4	4	4	-											10.0		••••	17	14	14	13	12	9		
22	4	3			4	4	4	4		• • • •				4	4	5	5	6	7			1.00	7800			
23			2	3	3	3	2	2	2	2	2	2	2	1	2	2	2	2		6	7	6	5	4		5
24	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2		2	3	2	3	2	2		2
	2	2	2	2	3	4	4	3	3	3	5	7	6	7	7			2	2	2	2	2	2	2		2
25	8	7	6	5	7	9	9				-	5	6	6		8	8	1.1	17	17	1.1	1.2	10	13		7
26	6	5				9	10	8		5	5				4	6	6	6	7					6		6
27	9	7	8	6	5	5	4	4	0	4		5	4	6 2 2	4	4	5	5	6	5	5	5	8	12		
28	2		1	•		2	3		4		5	5	6	6	6	7	7	7	6	2	2	3	1	1 2		6
29	3	3	2		- 1	- 2	3	4	2	2	1	1	2	2	2	2	2	3	4	4	4	3	3			5
30	2	2		2	1	1	- 1	- 1	1	1		2	1	2	2	3	2	2	3		553			3		2
30	2	2	2	2	7	2	2	2	2	1	1	2	1	2	2	2	2	2	2	3	3	3	3	2		2
31	2	2		2	2									•		•	- 2	2	2	2	2	2	2	2		2
9.1	-	2	2	2	3	2	3	6	7	5	3	3	3	2		3	4	5	6	5	4	4	3			
MEAN	3	3	2	2	2	3	3	3	-		100								0	5	4	4	3	2		4
				-	2	3	3	3	3	2	2	3	3	3	3	3	3	4	5	4	4	4	3	4	3	1

PERCENTAGE OF DATA VALID - 83.6

PERCENTAGE OF DATA INVALID - 5.8

PERCENTAGE OF DATA UNAVAILABLE - 10.6

^{2. ..} INDICATES DATA IS UNAVAILABLE

^{3. ******} INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION . WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 77 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 0 2 B ô o 12 13 14 15 16 17 18 19 20 2 0 2 3 2 1 0 0 2 3 0 Ö 22 23 24 25 26 27

PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0 PERCENTAGE OF DATA VALID - 99.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

MEAN

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	F 1	VITROG	EN DI	OXID	E-CHEM	LUMIN	ESÇ	ENT				UNITS	- 0.0	D1 PAF	RTS/MI	LLIO	N						
	STA	TION	wo	NO 2	2071		EXPERI	MENTAL	FAF	RM SI	MCOE						гн - ғ		77						
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	2 0 2 1 1 1 2 2 2 2	2 0 2 1 0 0 1 2 2 2 2	2 0 1 1 0 0 0 2 3 2	2 0 2 1 0 0 0 2 3 2	2021010433	1 0 1 1 0 1 0 5 3 4	0 0 1 1 0 5 3 4	0 0 1 1 0 4 3 3 3	0 0 0 0 0 0 4 3 3	0 0 1 1 0 3 3 3 3	0 0 1 0 0 0 3 3 3 2	0 1 1 0 0 0 3 2 2 2	0 0 0 0 0 2 3 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 2 2 2 2	0 1 0 0 0 0 0 0 2 2 2 2	0 2 1 0 0 0 1 2 4	0210000225	0 2 1 0 0 0 0 2 2 3	0 2 1 1 0 0 1 2 2 3	0 2 1 1 0 0 1 2 2 3	0 2 1 1 0 0 1 2 2 3	0 2 1 1 0 1 2 2 2 3	0 2 1 0 0 1 2 2 2 3	0 1 1 0 0 0 3 2
11 12 13 14 15 16 17 18 19	3 2 0 0 1 2 2 0	3 3 2 0 0 0 1 2 3 1	3 3 2 0 0 1 1 2 3 1	2 2 2 0 0 1 1 2 3 1	2 2 2 0 0 1 1 2 4 0	1 2 1 0 0 1 1 2 4 0	2 1 0 0 1 1 2 3 0	2 2 1 0 0 1 1 2 1 0	2 2 1 0 0 1 1 2 0	2310001300	2 1 0 0 1 2 0	2 2 1 0 0 0 0 2 0 0	2 2 1 0 0 0 1 3 0 0	1 2 1 0 0 0 1 3 0 0	1 3 1 0 0 0 0 1 3	2 3 1 0 0 0 0 1 3 0	2 2 1 0 0 0 2 4 0 0	3210002400	3 2 1 0 0 0 1 3 0	3 1 0 0 0 1 3 0 0	2 3 1 0 0 0 1 3 0 0	2 3 0 0 0 1 1 2 0 0	230000-200	230000-200	2 2 1 0 0 0 1 3 1 0
21 22 23 24 25 26 27 28	0 2 3 1 1 1 1 0	0 2 2 1 1 1 1	0 2 2 1 1 1 1 0	0 2 2 1 1 0 1 0	O 2 1 1 1 0 1	0 1 1 1 1 0 1	0 1 1 1 1 0 0 1 1	0 1 1 1 0 1 1 1	0 2 1 1 1 0 1 1	0 1 1 1 1 0 1	0 1 1 2 1 0 1	0 1 1 2 1 0 1 -	0 2 1 1 1 0	0 1 1 1 0 1 1 1	O 1 1 1 1 1 O 2 -	0 1 1 1 0 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 1 1 1 1 1 1 1	1 2 1 1 1 1 1 1 1 1	1 2 1 1 1 1 1 1 1	1 2 1 1 1 0 .	1 3 1 1 1 0 .	1 3 1 1 1 0 -	1 3 1 1 1	0 2 1 1 1 0 1
MEAN	3	1	1	Ŧ	t	1	3	ī	16	1	1	1	1	1	1	1	1	1	1	ţ	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.9

1.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNIIS - 0.01 PARTS/MILLION STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAR 77 HOUR 3 5 7 8 9 10 11 12 13 14 15 16 17 18 19 6 20 21 22 23 24 MEAN - DATA UNAVAILABLE -1 2 3 4 5 6 7 8 9 - DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE -11 12 13 14 15 16 17 18 19 20 - DATA UNAVAILABLE - DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 21 22 23 24 25 26 0 2125322 2124223 2127332 2123232 2124233 1 1 2 2 1 2 1 3 35232 3 2 2 27 2 3 2 2 29 30 31 2 2 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 1 2 MEAN 3 2 2 2 2 2 3 2 2.0 PERCENTAGE OF DATA VALID - 23.9 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 75.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	P	DLLUT	ANT -	NITR	OGEN E	1011	DE-CH	EMILU	MINES	ENT				UNITS	- 0.0)1 PAI	RTS/M	LLIO	N						
	S	OLTAT	N -	WC NO	22071		EXPE	RIMEN'	TAL FA	ARM S	IMCOE					MON	TH-	APR	77						
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	i	1	,		1	1	7	4							
2	2	2	2	2		2	2	2	2	2	2	î	- 2		2	2		1	1		2	3	3	2	1
3	3	2	3	3	3	3	3		3	2	3	2	-	- 2			2	3	2	3	3	3	3	3	2
4	2	2	1	1	2	1	1	1		î,		-	-	~	2	3	2	3	3	3	3	3	1	2	3
5	1	1	2	3	3	3	3	2	2		2	2	2	2 2	2	2	2	2	2	1	1	1	1	1	1
6	3	3	3		3	2	3	2	2	2	2	2			2	2	3	3	2	2	2	3	3	3	2
7													2	3	2	2	2	2	2	2	2	2	2	2	2
8	3	3	3	3	3	3	3	3			1971 (37.12)	3	3	3	4	4	3	3	4	4	4	3	3	3	
9	4	3	5			3			3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3
10	2	3	4	2		2	2	3	3	3	3	3	3	4	4	4	4	4	3	3	4	3	3	4	3
	•	3	7	~	2	4	2	2	2	2	3	3	3	3	4	4	5	5	5	5	6	4	3	3	3
11	4	4	3	3	3	3	3	3	3	3		201	-	-	1.59	10									
12	3	3			4	3	3	4	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3
13	4	3				4	4	3	4	3	4	3	3	3	4	4	4	4	4	4	3	3	3	3	3
14	2	2		1	- 7	- 7	7		1	3	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3
15	4	4	2			2		3	2	2	- 1	2	2	2	3	3	3	3	3	4	3	2	2	1	2
16	1	1	ō	ō	ō	ō	o	0	0	1		1	2	2	2	2	2	3	3	4	4	3	2	2	2
17	0	0	1	1	Õ	1	0	0	0	- 1		2	3	4	2	2 2	2	1	1	1	1	1	0	0	- 1
18	3	2		- 4	2	í	2	2			2	2	3	2	2		2	2	4	4	3	4	3	3	2
19	2	2	2	2	4	5	5		3	3	3	1	1	1	1	2	2	2	3	3	3	2	2	2	2
20	2	2	2	2	2	2	2	5 2	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
	189	-	- 2	2	- 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	3
21	2	2	2	2	2	2	2	2	2	2	2	2	1			-	-	160							
22	2	2	2	2	2	2	2	2	2	2	2	2	2.5	1	2	2	2	2	2	2	3	2	2	2	2
23	2	1	1	1	1	0	ō	ō	ō	ō	á	0	0	2	2	2	3	3	3	3	3	3	3	2	2
24	0	0	0	0	0	o.	o	ő	ő	ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	o	ō	0	ő	ő	ő	ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	ō	Ö	o o	0	o	ő	ő	٥	U	U	U	0	0	0	0	1	0	0	0	0	0	0	0
27		000	- 17						U		-			2000 2000	_ 1	•					14		*	-	
28														AVAILA											
29														AVAILA											
30												- DATA	UN	AVAILA	BLE -										
												- DATA	UN	AVAILA	BLE -										
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2.1

PERCENTAGE OF DATA VALID - 82.8 PERCENTAGE OF DATA INVALID - 1.8 PERCENT

PERCENTAGE OF DATA UNAVAILABLE - 15.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. *- INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	- W(C NO 2	22071	E	XPERI	MENTA	L FA	RM S1	MCOE					MON	тн -	JUL	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
12	1	1	3	1	1	1	1	1	1	1.	1	1	1	•	1	i	1	1	11	1	1		2	2	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		- 1	1	1	3	i	2	2	2	1
3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	- 1	1	1	1
4	1	1	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 6 7	1	1	7	1	1	1	1	1	1	1	1	1	1	t	1		1	1	1	3	1	- 1	1	1	1
6	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	•	1	2	2	2	i	- 4	2	2	1
7	3	4	2	2	1	1	1	1	1	1	2	2	1	1	1		2	2	2	3	3	4	4	4	2
8 9	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 7	1	1	1	1	1
9	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		i	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1
11 12 13 14 15 16 17	1	1	7	1	1	1	2	2	1	1	1	1	2		2	2	2	1	1	1	1	ī	1	1	1
12	1	1	1	1	1	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1		1	1	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	3	1	1	1	1	1	- 1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1
15	1	1	1	- 1	1	1	2	1	1		1	1	1	1	2	1	2	2	2	2	1	1	1	1	1
16	1	- 1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
18	1	1	1	1	1	3	1	2	1	1	1	1	1	1	1	1		2	2	2	2	3	1	1	1
19	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	2
20	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	1	1	2
21	2	2	1	1	1	1	1	-	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1
22	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	2	2	1	2	2	2	1
23	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
24	2	1	1		1	1	.1	2	2	1	1	1	1	2	1	2	2	1	2	3	2	2	1	1	1
25	1	2	- 1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	7	1	1	-1	1	1		1	1	1	1	1	1	1	1	1	- 9	2	2	1
27	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	2	3	4	3	3	3	2
23 24 25 26 27 28 29 30	3	2	. 7	2	2	1	1	1	1	1	2	1	2	1	2	2	1	2	2	3 2 2	4 2 2	2	2	2	2
29	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	1	2	2	2	1	1	2
30	1	1	1	2	1	1	1	2	1	.1	1	1	3	1	1	1	1	1	1	1	2	2	3	2	1
31	3	2	2	2	2	2	2	1	1	1	1	1	2	16	2	2	2	2	2	2	2	2	2	1	2
MEAN	2	1	3	1	ì	1	1	1	1	1	1	*	1	1	1	1	*	1	1	2	2	2	2	1	1.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	P	OLLUT	ANT -	NITE	OGEN	DIOXI	DE - CH	EMILU	MINES	CENT				UNITS	5 - 0.	01 PA	RT5/N	ILLLIC	N						
	s	TATIO	N -	WC NO	2207	1	EXPE	RIMEN	TAL F	ARM S	IMCOE					MON	(TH -	AUG	77						
HOUR Day	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
3	11	1	1	1	1		,	1	1	3				4		1			100						
2	2	2	1	1	1	1	2	1	- 1	1	- 1	- 1	- 4	- 4	1	- 31	1	- 2	1	1	1	2	2	1	
3	1	1	1	1	1	1	2	2	1	1	- 1	- 1	- 1	- 3		- 1	- 3	- 1	1	2	2	1	1	,	1
4	2	1	1	1	,	2	2	1	- 1	1	i	i	2	,	- 1		- 1	- 1	2	2	2	2	1	,	1
5 6	1	1	1	1	1	1	1	1	1	1	1	- 1	5		- 1	- 2	-	2	2		2	- 1	,	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	7	•	- 1	- 1	- 1		2	2	1	1	1	- 1	1
7	2	3	2	2	3	3	2	2	2	1	1	1	4			- 1	- 4							1	1
8	1	1	1	1	. 1	1	1	1	1	1	1	19	1	1	- 4	- 1	- 2		1	- 1	1	1	1	- 1	2
9	. 1						****														1	1		1	- 1
10	****		****		••••	••••		••••	****	• • • •	****	4	4	2	2	2	2	2	2	2	2	2		1	
11	•	1	1		2				- 120		- 4			1707											
12	1	1	1	,	ī				- 1	- 1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	,		- 1		- 4	ż	,	1	1	1	7	1	1	1	2	2	1	1	1	1
14	1	1	,	1	,	,	- 1			7	٠	0	1	- 1	1	- 1		1	1	1	1	1	1	1	1
15	1	1	1	1	- 1		î	- 0		- 4			1	- 1	1	1		1	1	1	1	1	1	1	
16	1	1	2	2	2	2	- 4		- 1	- 2	- 2	- 4	2	1	1	1	1	1	1	2	2	2	1	1	,
17	1	1	1	1	1	0	0	ò	ò	ò	ò	ò	1	2	2	2	2	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	ĭ	1	Ö	ő	ő	ò	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	0	0	0	0	.0	o	ò	ĭ	ŏ	ő	1	0	0	0	0	0	0	0	1	1	1	1	1
20	1	0	0	0	0	0	0	ō	ŏ	Ö	ŏ	ő	ò	0	0	0	0	0	0	0	0	0	0	0	0
21	1	1	0	0		0	0	1		1	1	1	1	1	1	1	1		100	100	0.				
22	0	0	0	0		0	0	0	0	0	0	o	ó	Ö	ò	ò	o	0	1	0	0	0	0	0	1
23	1	1	1	1	0	1	- 1	0	0	0	0	ō	ō	O	ŏ	0	0	0	1	1	0	0	- 1	0	0
24	1	1	1	1	1	0	0	0	0	0	0	ō	ŏ	Ö	0	0	o	0		0	0	1	18	1	0
25	1	1	1	1	1	1	0	0	0	0		ō	0	0	ő	o	ő	ŏ	0	0	0	0	0	1	0
26	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	o	ŏ	Ö	ŏ	ŏ	Ü	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ŏ	ŏ	0	ő	ŏ	ŭ	0	0	0	0	0
28	0			0	0	0	0	0	0	0	0	0	0	0	ŏ	ŏ	O	ŏ	0	0	0	0	0	0	0
29	0	0	0			0	0	0	0	0	0	0	0	0	o	õ	Ö	ŏ	ö	ő	0	0	0	0	0
30	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	ō	ŏ	ō	,	1	1	1	0	0	0
31	0	0	0	0	O	0	0	0	0	0	0	0	0	О	0	1	o	,	1	1	-	1	0		0
MEAN	1	1	1	1	1	1	9	1	1	1	1	1	1	1	1	1	1	1	1						0.7
MEAN	1	1	1	4	1	1	,	1	1	1	1	1	1	.1	,1	1	1	1	1	,	1	1	1	1	

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	. wc	NO 22	2071	E	PERIN	MENTAL	FA	RM SI	MCDE					MO	HTH -	NOV	77						
HOUR	1	2	3	4	5	6	7	В	9	10	n	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
4 5 6 7 8 9	Ü	0	Ü	Ü	Ü			C	Ü			- DAT	A UN A UN A UN A UN	AVAIL AVAIL AVAIL AVAIL AVAIL	ABLE ABLE ABLE ABLE ABLE										
11 12 13 14 15 16 17 18 19												- DAT	4 UN 4 UN 4 UN 4 UN 4 UN 4 UN 4 UN 4 UN	AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL	ABLE ABLE ABLE ABLE ABLE ABLE ABLE ABLE	* * * * * * * * *									
21 22 23 24 25 26 27 28 29												- DAT - DAT - DAT - DAT - DAT - DAT	A UN A UN A UN A UN A UN A UN A UN	AVAIL AVAIL	ABLE ABLE ABLE ABLE ABLE ABLE ABLE ABLE	* * * * * * * * * * * * * * * * * * * *									
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 7.9 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 91.8

^{2. &}quot;-" INDICATES DATA IS UNAVAILABLE

^{3. *****} INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JAN 77 HOUR 5 6 7 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 1234567 0 9 2 11 12 13 14 15 16 17 18 19 20 0 0 2 3 2 4 6 343 21 22 23 24 25 3 3 4 4 26 27 28 29 30 31 2 2 2 3 3 3 3 3 3 2 3 MEAN 3 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3.1

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXID	E-CHEMI	LUM	INESC	ENT			l,	JNITS	- 0.	01 PA	RT5/M	ILLIO	N						
	STA	TION -	WC	NO	26029	,	TRAILER	ED	NA/FR	EDER10	CK ST	KIT	CHENER	2		MON	тн -	FEB	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	2	3	3	3	3	3	3	3	4	4	4	3	2	•				_
2	1	,	2	1	2	2	2	3	4	4	3	3	3	4	3	3	3	5	4		2	2	2	1	2
3	3	3	3	2	2	3	4	4	4	4	4	4	3	3	3	2	3	3		4	4		4	4	3
4	2	2	2	2	3	3	4	5	4	4	3	3	3	4	3	-	5	3	3	2	2	2	2	2	3
5	2	2	2	2	1	1	2	3	3	3	3		3		9	,		5	5	5	5	4	4	4	4
6	2	2	2	7				2	2	2	•	4	4	3	4	4	3	3	3	2	3	2	2	2	3
7	•	•	•		2	2	-	4			1	1	1	2	1	1	2	2	2	2	1	1	1	1	1
ė		14	4			2	3	1000	0.75		3	4	4	4	3	4	4	4	5	4	4	3	3	5	3
2	4	4	5	5	5	5	5	5	5	5	5	5	5	4	5	5	4	4	4	3	3	3	3	3	4
9	3	4	4	4	4	3	3	4	4	4	4	4	5	5	5	5	7	7	7	7	7	7	5	4	-
10	3	3	4	4	2	3	4	5	5	5	5	5	5	5	7	10	12	12	13	13	12	11	8	- 7	9
														-					. 3	13	1.2	7.7		0	7
1.1	4	3	3	3	3	3	3	4	5	4	5	5	4	4	4	4	5		-	120	2	8	2	5	
12	4	4	3	3	3	3	3	4	4	4	4	5	2	7		-	8	5	5	5	4	4	4	4	4
13	6	4	3	3	2	2	2	2	2		7	3	2		8			8	7	7	7	7	6	6	5
14	1	1	1	1			2	3	3		à	-	-		2	2	- 1	1	1		1	1	1	1	2
15	- 1	- 4		- 2		2	2				-	- 2	2	2	3	3	4	4	4	4	3	3	2	2	2
16	2			2	18	-	4				4	4	3	3	3	2	3	4	3	4	3	2	3	2	3
17	•		2	3	1		2	3	4	4	3	3	4	3	3	4	5	5	4	4	3	3	2	2	3
18	2	2	2	4	3	4	5	5	5	4	4	3	2	2	2	3	5	6	6	6	6	6	5	4	4
	3	3	3		4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	5	5	5	4	5	5
19	5	5	5	3	2	,	2	3	3	3	4	4	4	4	4	4	4	4	5	4		4	3	0	7
20	4	4	3	3	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	7	3	2	2	-
															15	-		_		3	-	3	4		3
21	2	1		1	.01	1	2	3	4		3	3	3	3	2	2	3	3	3	4		-	~		
22	2	2	3	3	2	2	2	3	3	3	3	3	3	4	5		8	8			4	3	2	2	2
23	6	5	3	2	2	2	3	4	4	4	4	4	4	5	5	9	5		8	8	8	8	7	6	5
24	3	3	3	3	3	3	3	4	5	5	-	5	6	6	2	5	6	5	5	5	5	4	4	4	4
25	2	1	2	2	2	2	2	2	2	3	2			0	ь	6		4	3	3	3	2	2	2	4
26	7	4	•	1		-					2	2	2	3	3	3	3	3	4	3	3	3	2	2	2
27	5	6	4	3	3	- 1			2	2	2	2	2	2	3	4	5	6	6	6	6	6	5	4	3
28	2	7	7		3	-	-	2	2	3	4	4	3	3	3	2	1	1	1	1	1	1	1	1.	2
20	2	1.	18	30	,	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	2	2
MEAN	3	3	3	2	2	2	3	3	4	3	3	3	3	4	4	4	4	5	5	4	4	4	3	3	3.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ----- INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAY 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 10 11 12 13 14 15 16 17 18 19 20 2 6 10 21 22 23 24 25 26 27 28 29 30 6 2 2 3 9 31 7 7 4 6 7 A 5 5 10 10 10 10 11 12 14 13 11 10 MEAN 4 5 4.3 5

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITROC	EN DI	DXIDE	CHEM	LUMI	NESCE	ENT			L	INITS	- 0.0	1 PAR	RTS/MI	LLION	ų.						
	STA	TION -	wc	NO 2	6029	т	RAILER	EDN	A/FRE	EDERIC	K ST	KIT	HENER	2		MON	тн - ,	JUN	77						
HOUR	3	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5	6 1 3 6 4 2	3 1 2 5 2	3 1 2 4 2	1 1 3 2 2	1 1 2 3 1 3	2 2 2 1 4	2 4 2 2 4	3 4 2 3	3 5 2 5 4	4 2 5 4 5	3 5 4 5 4	3 5 4 6 4	3 5 4 6	2 3 5 3 6 4	2 3 5 3 6 4	4 3 5 3 6 5	4 5 4 6 5	4 4 4 5 4	3 5 3 3 5 4	3 5 5 3	3 5 6 4 5 3	2 4 6 4 6 2	2 4 6 5 5	1 3 5 5 3 2	3 4 4 4 3
7 8 9 10	1 1 5 2	1 4 2	2 2	1 1 2 1	1 1 1	2 1 4 2	3 2 5 3	4 5 4	4 3 5 4	3 2 6 4	3 6 5	4 3 6 5	3 6 5	4 3 6 5	4 3 6 5	4 2 5 6	4 2 5 6	3 5 6	3 3 5 6	4 4 6	4 5 3 5	2 3 6 3 4	2 5 3 4	1 5 2 4	3 4 4
11 12 13 14 15 16 17 18 19 20	3 4 2 5 2 6 2 7 2 4	3 5 1 4 2 5 2 4 1 4	3 2 2 3 1 5 1 2 1 2	2 1 2 3 1 5 1 2 1 3	3 4 2 5 1 1 1 3	3 4 4 5 2 1 1 4	4 1 3 4 5 6 3 3	5 2 4 5 5 6 3 3 1 5	5 4 4 5 6 7 2 4	5 6 4 6 7 3 4	6 5 7 7 6 2 4 1	4 5 6 7 8 2 3 1 2	3 5 7 7 10 7 3 3	5 6 7 10 6 3 3	5 6 8 7 3 1 2	4 5 6 8 11 10 4 3 1	6 7 7 11 12 4 2	4 6 7 8 10 11 3 2 1	2 6 7 7 10 10 3 1	3 6 7 7 8 9 4 1 3 3	4 6 5 6 10 7 1 4 3	4 5 5 4 6 9 8 1 4 3	6 4 5 4 6 5 7 1 4 2	4 3 5 3 5 2 7 1 5	4 4 5 5 6 7 3 2 3
21 22 23 24 25 26 27 28 29 30	1 1 4 7 2 4 5 7 1 2	1 1 4 7 2 4 4 6 1	1 4 6 2 2 4 6 1 3	1 1 3 6 2 1 4 5 2 3	1 3 5 2 1 3 6 2 3	3 3 5 5 1 6 7 2	4 5 4 6 7 2 6 7 2 4	4 6 5 7 8 2 5 7 2 5	5 5 5 7 8 3 3 5 2 5	5 5 5 7 3 4 2 4	6 6 5 6 4 2 5 2 3	6 6 4 8 4 3 5 2 3	6 8 3 7 4 2 2 2	6 8 3 6 4 2 2 3	5 6 8 3 5 2 2 3 3 3	5 6 7 4 3 4 3 5	5 6 7 5 4 3 6 3 6 3	4 6 7 4 2 4 3 3	4 6 7 3 2 2 4 3 4	4 6 3 4 2 5 5 3 4	4 5 7 3 4 3 5 5 3 4	4 5 8 3 4 4 5 4 2 2	2583455222	2 5 8 3 6 7 1 2	4565534422
MEAN	3	3	2	2	2	3	4	4	4	4	4	5	4	4	4	5	5	5	4	5	5	4	4	4	3.9

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- * * INDICATES DATA IS UNAVAILABLE 2.
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIGXIGE-CHEMILUMINESCENT UNITS - 0 01 PARTS/MILLION TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUL STATION - WC NO 26029 24 MEAN HOUR R C 1.1 DAY 2 2 3 3 4 N340000 2 4 0 0 6 7 D D o n D 12 13 14 15 16 17 18 19 20 Ö DATA DATA DATA UNAVAILABLE UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 22 23 24 25 26 27 28 29 30 DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE -1.5 MEAN PERCENTAGE OF DATA VALID - 33.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 66.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - OCT 1.1 24 MEAN DAY DATA UNAVATIABLE DATA UNAVAILABLE
DATA UNAVAILABLE UNAVAILABLE UNAVAILABLE UNAVAILABLE 5 6 7 DATA UNAVAILABLE DATA UNAVAILABLE 12 13 14 15 16 17 18 19 20 DATA UNAVAILABLE UNAVAILABLE B 0 2 3 0 3 0 4 3 2 4 0 2 3 3 2 3 5 4 4 5 4 4 4 4 4 4 3 4 5 4 4 5 4 5 3 5 22 23 24 25 26 27 28 5 5 4 3 4 MEAN 3.4

PERCENTAGE OF DATA VALID - 53.4

PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 43.7

- *- * INDICATES DATA IS UNAVAILABLE 2.
- 3. "*****" INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXID	E - CHEMI	LUMI	NESCI	NT			9	UNITS	. 0.	01 PAF	RTS/M	ILLIO	N						
	STA	TION -	WC	NO	26029		TRAILER	EDN	A/FRI	DERI	K ST	KIT	CHENE				тн - н		77						
HOUR DAY	1.	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	,	2	3	3	3	3	3	3	3	4	5	5	5	5			5	5		-
2	2	2	2	1	1	3	3	4	4	4	3	3	4	3	4	4	4	5	5	4	5	2	2		3
3	4	3	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	5	5	-	-	7	2	4	3
4	3	2	2	2	2	2	3 2	2	2	2	2	3	4	4	5	5	5	5	4	5	5	4	4	4	4
5	3	3	3	2	1	1	2	2	3	3	3	3	4	4	4	9	4	4	4	4	4	9	4	3	3
6	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3		- 7	3	3	3	3	3
7	2	1	1	1	1	1	2	2	2	2	2	2	5	3		3	2		3	4	3	3	3	2	3
8	2	2	1	1	1	2	3	7	3	3	3	3	ā	3	3	3		2	2	2	2	2	2	3	2
9	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	76	3	3	3	4	4	4	4	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	4	4	3	3	3	3	3	3
						-		J	3	3	-	3	-	2	2	3	3	3	2	2	2	2	2	2	3
1 1	1	1	1	1	1	1	,	2	2	2	2	2	2	•		-									
12	2	2	4	1	Ŷ		4	2	3	4	-	-	-	2	2	2	3	2	2	2	2	2	2	2	2
13	3	3	3	3	2	- 2	÷	-	2	3	~	-	3	3	3	3	3	4	4	3	4	3	3	3	3
14	2	2	2	2	2	2	3	2	3	4	2	2	3		3	2	3	3	4	4	4	4	4	3	3
15	3	3	3	3	4	2	3	3	3	7	3	3	- 3	3	3	3	4	4	4	4	4	3	3	3	3
16	1	1	ĭ	,	7	3	3	3	4	4	3	3	4	5	5	5	4	4	4	4	4	2	2	1	3
17	4	4	4	3	2	2	5	-		4	4	4	4	5	7	6	4	4	4	4	4	4	4	4	3
18	3	2	7	7	,	-	2	4	4		4	4	4	4	4	5	5	5	4	5	4	3	3	3	4
19	2	•	40		2	- 1		2	2	2	2	2	2 '		3	2	3	3	3	3	3	2	2	2	2
20	5	5	4	4	3	3	,	1	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	3
20	3.	5	*	74	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	4	4	4	3	2	4
21	2	2	1	1	1	1	2	3	4	3	3	2	2	2	2	~	3		1.2	122	21				
22	1	1	1	2	1	1	2	2	3	3	3	2	3	4	4	3	3	4	4	3	3	2	2	1	2
23	3	4	4	4	4	4	4	4	3	3	3 .		3	3	3	4	3	5	- 4	4	4	4	4	3	3
24	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
25	2	2	2	2	2	4	4	Δ	4	4	4	4	4	3	3	3	4		3	3	2	2	2	2	3
26	3	2	2	1	1	1	1	1	1	2	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3
27	2	3	2	- 1	,		2	3	4	4	3	3		2	4	3	4	4	3	2	2	3	3	2	2
28	4	4	3	3	4	4	4	4	3	3	3	2	1	4	4	4	5	4	4	4	4	4	4	4	3
29	4	4	4	4	4	4	5		5			• • •	4		(75)	4	4	4	4	4	4	4	4	4	4
30	6	5	5	5	5	4	5	5	6	5	4	4	5	9 5	9	4	6	6	6	7	6	6	6	5	6 5
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4		4	-	,	,	2.1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T N	ITRO	GEN DI	OXID	- CHEMI	LUMI	NESC	ENT				SIINI	. 0.0	DI PAR	RTS/M	ILLIO	N						
	STA	TION	- WC	NO	26029	3	RAILER	EDN	A/FR	EDERIC	K ST	KITO	CHENER	3		MONT	гн - г	DEC	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	3	3	3	4	4	4	4	4	4	3	3	2	3	3	4	4	4	4	3	3	3	2	1	1	3
2	1	- 1	1	1	1	1	1	2	2	3	3	3	2	3	3	3	4	4	4	3	4	3	3	3	2
3	3	2	1	1	1	1	1	2	2	3	4	4	4	3	3	4	4	4	4	3	4	3	3	2	3
4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	4	5	5	6	6	5	5	4	3
5	3	4	4	4	4	4	4	4	4	4	5	4	4	4	4	5	4	4	3	3	4	3	4	4	4
6	3	з •		1	1	2	3	5	5	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	3
7	- 1	1		1	1	7	3	3	4	3	3	3	3	3	4	4	5	5	4	3	3	3	3	2	3
B	2	2	2	3	4	4	5	7	7	5	5	6	5	5	5	5	5	5	5	5	4	4	4	3	4
9	4	3	4	4	3	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	3	3	3	3
10	4	4	3	2	4	4	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	4
1 1	6	6	5	5	4	4	5	4	4	4	5	5	5	5	6	6	6	7	8	8	7	В	7	6	6
1.2	5	5	5	5	4	4	4	5	4		4	4	4	4	4	5	5	5	4	3	3	2	2	2	4
13	3	3	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	5	4	3
1.4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4	3	3	3	3	4
15	3	2	2	2	1	1	2	3	4	4	3	4	3	3	3	3	4	4	4	4	3	3	2	2	3
16	3	3	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3
17	3	3	2	2	1	1	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	3	2	3	3
18	3	2	2	2	2	2	1	1	1	2	2	3	3	3	4	4	4	4	3	4	3	3	3	3	3
1.9	3	3	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	3
20	3	3	3	3	2	2	2	3	3	4	4	4	4	3	3	3	4	4	4	3	3	2	2	2	3
21	2	2	2	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
22	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2	2
23	2	2	2	2	2	1	1	1	1	2	2	3	2	3	3	4	4	5	5	4	4	4	4	4	3
24	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
25	3	2	1	1	O	0	0	0	0	0	0	0	1		1	- 1	1	1	1	1	1	1	1	1	-1.
26	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	-1
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	3	3	2
29	3	3	3	3	3	1	1	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
30	4	4	4	4	4	3	3	3	4	4	4	3	4	4	4	4	4	5	5	6	5	5	5	5	4
31	5	5	4	4	3	3	4	4	4	4	4	4	4	4	5	4	5	5	5	4	4	4	3	3	4
MEAN	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. -- INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JAN 77 HOUR DAY 2 3 4 5 6 ,7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 14 15 16 17 3 4 3 22 23 24 25 26 27 28 30

PERCENTAGE OF DATA VALID - 99.5

MEAN

2 1 2 1 1

2 2 2 2 2 2 2 3

PERCENTAGE OF DATA INVALID - 0.5

3 3 3 3 4 3 3

2 2 2 3 3 3 2 2 2 3 2 3 2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

3 3 3 3 3

2.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *-" INDICATES DATA IS UNAVAILABLE
 - 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

1 3 4 3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - FEB 77 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 HOUR 24 MEAN 12 13 14 15 16 17 18 19 20 3 2 3 3 0 1 3 2 3 5 2 2 22 23 24 3 2 2 4 2 4 3 5 2 MEAN

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

PERCENTAGE OF DATA INVALID - 1.6

D DATA DUE TO INSTRUMENTATION FAILURE

PERCENTAGE OF DATA UNAVAILABLE - 3.6

2. " - INDICATES DATA IS UNAVAILABLE

PERCENTAGE OF DATA VALID - 94.8

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 27037 NORTH/GENEVA STREET. ST. CATHARINES MONTH - MAY 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 1224522 1 2 2 2 2 2 2 10 11 12 13 14 15 16 17 18 19 20 3 4 3 3 3 4 2 2 2 3 3 5 2 3 3 4 21 22 23 24 25 2 2 3 3 2 3 3 5 2 1 4 4 3223333223 26 27 28 30

PERCENTAGE OF DATA VALID : 99.5

31

MEAN

3 2 2 2 2

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

4

2.7

4 4

2 2 2 3 3 3 3

4 4 4 6 5 2 2 2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3 3 5 7 7 5 3 3 3 3

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

3 3 3 3 3 2 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 77 HOUR DAY 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 3322 8 9 10 2 3 2 2 2 11 12 13 14 15 16 17 18 3 2 2 2 1 2 5 3 2 2 3 2 3 2 20 2 2 2 21 22 23 24 25 26 27 2 2 2 3 234331 2 28 29 30 MEAN 3 2 2 2 2 2 3 3 2 2 2 2 2 3 3 2 2 2 2 2 3 3 3 3 2.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	SI	MOITAT	- WC	NO	27037		NORTH	/GENE	EVA S	REET.	ST	CATH	ARINES			MON	TH - :	SEP	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	••••	****							****					2	2	2	3	2	2	3	2	2	3	з •	
2	2	2	2	1	1	3	3	2	2	2	3	3	3	3	3	3	4	5	4	3	3	3	2	2	3
3	2	1	3	2	1	3	1	1	1	2	2	2	2	2	2	2	2	2	3	3 3	2	2 3 3 2 7	3	3	2
4	3	3	2	2	1	2	2	2	2	2	2	2	1	1	1	1	2	2	3	4	4	3	3	2	2
5	2	2	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	- 7
6	1	1	1	:10	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	ā	4	7	5	4	2
7	3	3	3	3	3	3	3	4	4	3	2	2	1	2	2	2	2	5	2	3	3	2	5	2	ā
8	2	2	2	3 2	2	2	3	2	2 4 2	3	2	2	2	2	2 2	2	2	2 2 2 2	3 2	4 3 4	6	4	3	3	2 3 2
9	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	- 1	ĭ	1	2
10	1	1	0	0	1	1	1	1	•							3	1	7			181	- 2	1		••••
1.1												- D	TA UNA	VALL	ABLE										
12					-			4		2	2	2	2	2	2	2	3	3	3		4	5	3	3 •	
13	3	3	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	3	3	5	3	2	3	1	3
14	1	3	3	2	1	2	3	2	2	2	2	2	2	2		2	2	2	2	2	2	3	2	2	2
15	2	ĩ	1	- 1	1	2	2 2	3	2 3 2	3	2		2	2	2	3	3	3	3	3	3	3	3	2	2
16	2	2	2	2	2	2	2	3	2	3	3		3		3	3	4	3	3	3	3	3	3	2	
17	2	2	2	2	2	2	2	2	2	2	2	2	2	3 2 2 2	2	3		3	4	5	5	4	4	4	3 3 2
18	4	3	2	1	1	1	1	1	- 1	2	1	2	2	2	2	3	3	3	3	5	2	3	3	3	3
19	3	3	2	2	3	3	3	3	3		3	2	2	2	5	3	3	3	2	2	2	2	2	,	2
20	ī	ī	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	í	2
21	,		7	4	1	B	1	1		1	1		2	2	2	2	2	2	2	2	2		2	1	
22		•	i i	1	1	- 1	2		2	553	2	2			2	2	2	2	3	2	4	2	2	2	2
23	2	,	9	2	2	2	2	2 2		2 2 2	2		2 2 2	2 2 2		2	2	2	2		2	2	2	2	
24	1	7	- 7	- 7	ī	2	2	2	2 2	5	2	2 2	2	2	2 2 2	2	2	2	2	2	2	2	2	2	2 2 2
25	2	1	- 1	1	1	1	- 1	2	5	3	3	2	2	7	5	3	2	3	2 3 2	5	2	2	-	2	2
26	1		,	1	1	2	3	3	2	2	ĩ	- 7	2	2	2	2	5	2	3	5	-	1	- 4		á
27	Ó	o	o	11	1	1	2	2	•	2	2	2	1	2	2	2	2	2	2	2	2	2	- 4	į.	
28	1	1	1	- 1	- 1	2	2	2	2	2	2	2		2	2	2	3	3	2	2 2 2 2 3	3	3	3	3	2
29	3	á	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	4		4	4	4	4	3	2
3C	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	4	4	4	2	2 3 3
MEAN	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2.2

PERCENTAGE OF DATA VALID - 90.8 PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 6.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	т - м	ITRO	GEN DI	OXIDE	- CHEN	II LUMINI	SCE	NT				UNITS	- 0.0	01 PAF	RTS/MI	LLION							
	STA	TION	- WC	NO	27037	1	ORTH/	GENEVA	STR	EET,	ST.	CATH	ARINE	\$		MONT	тн - о	ст	77						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 2 2 2 3 2 1	1 1 1 2 2 2 3 2 1	1 1 0 2 2 2 3 2 1	1 1 0 2 2 2 1 1	1 1 1 4 2 2 3 2 1	1 1 2 2 4 3 2 3 3 1	1 2 3 5 3 3 3 2 1	2 1 2 3 4 2 3 3 2 3	2 2 3 3 4 2 2 3 2 1	2 2 3 3 4 2 3 3 2 1	2 2 2 4 2	2 2 3 4 2 3 2 2	2 2 3 3 2 2 3 2 2 3	3 3 3 3 3 3 3	2 2 3 3 2 3 3 2 2	2 2 3 3 2 3 3 2 2	2223333322	222323322	2 2 3 2 3 3 2 2	1 2 1 3 2 2 3 2 2 3	1 2 2 3 2 2 3 2 2 3	1 2 1 3 3 2 3 2 2 5	1 1 4 2 1 3 2 1 5	1 1 3 2 2 3 2 1 5	2 2 2 3 2 3 3 3 2 2
11 12 13 14 15 16 17 18 19	4 3 3 4 3 2 1 3 4	5 2 3 4 3 1 1 2 4 3	4 2 3 4 4 1 1 2 4 3	3 2 2 4 4 1 1 2 4 3	3 2 2 4 4 1 1 2 4 2	3 2 3 4 3 1 1 3 4 3	4 3 3 4 4 1 1 3 4	5 3 2 4 4 1 2 3 5 4	5 2 3 5 4 1 2 4 5 4	3 2 3 5 4 1 2 4 5 5	3 2 3 4 3 1 2 4 5 5	3 2 2 3 4 2 2 4 5 5	4 2 2 3 5 2 2	4 2 3 3 4 2 2	4 2 3 3 4 2 3	5233523554	4 2 3 3 5 2 4 5 7 5	3 3 4 4 5 2 4 6 7 5	2345524565	2245523554	2245413554	2 2 4 5 5 4 5 5 4	2244614354	3 2 4 3 5 1 4 3 5 3	2 3 2 3 4 4 1 2 4 5 4
21 22 23 24 25 26 27 28 29 30	4 3 3 4 4 4 4 4	2 3 4 4 3 3 2 4	2 3 2 4 3 2 3 2 4 4	2 2 2 3 3 2 3 2 3 4	3 2 2 3 3 2 3 2 3 3 3 2 3 3 3	4 3 2 3 4 3 3 3 3	4 3 2 3 5 4 3 5 4	4 3 2 4 5 4 4 5 4	4 4 1 5 4 5 4 3	4 3 2 7 6 4 7 3 3	4 3 2 9 5 8 4 3 2	5 2 7 5 3 6 3	4 2 2 4 3 5 3 2	3 2 7 5 3 5 3	4 3 2 7 5 3 6 3 3 2	4 3 6 6 6 5 3 3	4 4 2 5 8 6 4 5 4 3	5 3 5 7 6 6 6 4 4	7 3 3 5 7 6 5 6 4 4	7 3 3 5 7 6 4 5 4	6 3 3 4 6 5 4 5 4 3	6 3 5 6 4 3 5 4 3	5 2 3 4 6 4 3 6 4 3	4 3 3 4 5 4 3 6 4 4	4 3 2 5 5 4 4 4 3
31 MEAN	4 3	4 3	4	4	2	4 3	3	5 3	5 3	3	4 3	3	4 3	····	4 3	4 3	6 4	6 4	6 4	5	5 3	4 3	3	2 3	4 3.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. * " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

. 92.8 0

UNITS - 0.01 PARTS/MILLION

		and the second s	THE C.O. TARISTALL	1014
STATION - WC	NO 27037 NORTH/GENI	EVA STREET. ST. CATHARINE	S	
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.7	4	17
FEB	26	2.6	6	11
MAR	31	2.8	6	9
APR	21	1 , 7	4	6
MAY	31	2.7	4	В
JUN	30	2.3	4	7
JUL	22	1.9	6	20
AUG	25	1.7	2	4
SEP	26	2.2	3	7
OCT	31	3.2	5	9
NOV	29	2.5	4	6
DEC	31	2.6	4	5
YEAR	334	2.4	6	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 13 14 TO 20 21 SOVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA
VALLD MIN 10 FREQUENCY DISTRIBUTION. PERCENT 50 70 90 95

0.4 1.2 1.8 2.5 3.6

ARITH MEAN

2.4

5.0

4.2

5.9

UNITS - 0.01 PARTS/MILLION POLLUTANT + NITROGEN DIOXIDE-CHEMILUMINESCENT MONTH - JAN 77 STATION - WC NO 29008 NORTH PARK HAMILTON 24 MEAN HOUR DAY 5 5 5 2 5 0 4 a 12 13 14 15 16 17 18 19 20 5 4 5 4 6 5 4 6 22 23 24 25 26 27 28 DATA INVALID 8 5 8 5 3 5 6 4 4 4 4 5 3 5 30 4.6 á A MEAN

PERCENTAGE OF DATA VALID - 90.9

PERCENTAGE OF DATA INVALID - 7.9

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - FEB 77 13 14 15 16 22 23 24 MEAN HOUR DAY - DATA UNAVAILABLE -DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 5 6 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 12 13 14 15 16 17 18 DATA UNAVAILABLE
DATA UNAVAILABLE DATA UNAVAILABLE 22 23 24 25 26 27 28 6 6 4 5 4 3 4 5 3.4 MEAN

PERCENTAGE OF DATA VALID - 22.6

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 77.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	ST	ATION	· wc	NO	29008	3	NORTH	PARK	HAM1	LTON						MONT	r H - N	MAR	77							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
=1	4	3	3	4	4	4	4	4	4			5	5	5	5	5	5	5	5	5	5	5	5	5	5	ś
2	5	5	5	5	5	6	5	5	5	5	5	5	6	6	7	7	7	8	8	8	8	7	7	6	6	j
3	6	6	6	6	5	5	6	6	7	6	6	5	5	4	3	3	2	2	2	2	2	2	2	2	4	å
4	2	1	1	1	1	2	2		2	2	2	2	3	2	2	2	3	4	5	5	5	5	5	5	3	į
5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	į.
6	4	4	4	4	4	3	3	3	3	4	4	4	5	5	4	5	5	5	5	5	5	5	5		4	ı.
7											4	5	5	5	5	5	5	5	5	4	4	5	5	5		,
8	5	4	4	4	4	4	4	5	5	5	5	5	6	7	7	7	8	8	8	7	7	7	6	6	•	ż
9	5	5	5	5	5	6	6	6	6		7	В	8		10	10	10	9	9	9	8	8	8	8		7
10	6	6	5	5	5	5	5	6	6	6	7	7	8	9	10	10	10	10	10	10	9	9	9	8	8	В
1.1	8	8	6	6	6	6		6	7	7	8	8	7	6	4	4	3	4	3	3	2	1	1	3		5
12	3	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1.	2	2	- 1	2
13	1	1	1	1	1	1	1	3	3	4	4	4	5	5	5	5	6	6	6	6	5	5	4	4		4
14	4	3	3	3	3	3	3	3	4	-4	4	5	5	5	5	6	5	5	5	5	5	4	5	5		4
15	4	4	4	4	3	3	4	3	3	3	3	3	4	4	3	3	4	5	4	3	2	3	4	4		4
16	4	4	3	2	2	3		3	4		4	4	4	5	7	6	7	6	6	3	3	3	5	6		4
17	4	2	2	2	1	2	5	7	6	3	6	6	5	6	5	4	3	4	4	9	9	9	9	9		5
18	9		8	7	6	7	8	8	8	8	8	9	9	9	9	9	8	4	2	2	2	3	2	4		7
19	8	8	8	8	6	7	7	8	8	8	7	4	5	6	7	8	7	9	9	10	11	9	9	10		8
20	11		11	11	11	11	9	8	8	В	9	10	9	8	8	9	8	6	6	6	7	8	7	8		9
21	6	5	3	3				9	9	9		8	9	9	10	10	8	10	11	11	9	9	9	9		8 6 7
22	9		10	9				9	9	9		9	5	4	2	2	2	2	2	2	1	4	8	8		6
23	7	6	6	7	7	7		9	9	9	9	9	8	7	8	8	10	10	10	8	3	3 6 6	4	4		7
24	2	2	2	2		3	2	2	2	2	1	4	4	4	3	4	4	3	4	5	4	6	8	9		3
25 26	9	8	7	7	5			8	В	****	5	4	3	3	2	2	2	2	3	6	6	6	5	4		5
26	5	8	9	9	9	9		7	6			5	6	7	7	7	7	9	9	9	9	9	9	10		8
27	10	10	10	10				9				13	12	11	11	11	10	10	1.1	1.1	1.1	10	6	10		0
28	10	10	9	9	10	10	10	10	10	9	9	9	9	9	9	10	10	10	10	10	9	9	9	9		
29	8	8	8	8		8		В		9		7	6	5	6	6	8	8	7	8	6	6	8	10		7
30	10	11	1.1	10	9	9	10	10	11	10	10	8	7	7	7	8	9	8	7	7	6	6	6	8		9
31	6	3	2	2	1	2	5	7	7	5	3	5	6	••••	5	7	5	3	4	6	В	8	8	7		5
MEAN	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5.	9

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN1	f - N	ITRO	GEN DI	OXIDE	- CHEM	MILUM	INESC	ENT				UNITS	- 0.0	OI PAR	RTS/MI	LLIO	•						
	STA	TION	- wc	NO	29008		HORTH	PARK	HAMI	LTON						MONT	ГН - Д	PR	77						
HOUR	1	2	3	4	5	6	7	8	9	10	31	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	7	7	7	6	5	6	7	В	9	9	В	9	9	9	9	9	9	10	10	10	10	9	9	9	8
2	9	9	8	8	8	8	8	8	8	8	В	8	8	В	8	9	9	9	9	8	7	5	5	5	В
3	5	4	2	2	ī	1	1	1	1	1	1	2	2	1	1	1	2 8	4	6	9	9	9	9	9	4
4	В	9	8	7	6	8	7	В	8	8	8	8	9	9	9	9	8	8	8	9 5 5	В	В	8	8	В
Ē	8	ē	В	a	6	3	5	6	7	6	6	6	6	6	6	6	7	8	7	5	5	4	5	4	6
5	3	3	1		2	3	6	В	8	7	6	7	6	5	5	6	5	5	5	5	5	5	5	5	5
7	5	5	6	7	6	5	6	6	6	6	6	6	6	7	6	7	5 6 5	6	6	6	6	5 6 5	5	5	6
8	4	4	3	3	3	3	4	4	6		5	5	5	5	5	5	5	5	5	6 5 6	5	5	4	5	4
	-	4	5	4	3	4	4	5	6	5 6 8	6	6	6	5 6	6 5 6	7	7	6	7	6	6	7	7	7	6
9 10	10	10	8	7	6	8	8	8	В	B	8	ğ	8	В	8	8	В	В	8	7	3	3	7	6	8
10	10	10	в			0					-	-			500										
2.2			6	6	6	6	6	6	7	8	10	12	13	14	14	14	14	12	12	12	1.1	1.1	11	10	10
11	10	6	9	9	9	9	9	9							10	10	10	11	11	1.1	10	1.1	9	9	10
12	9	9	8	6	7	7	7	0	8	9	9	10	1.1	11	12	12	10	9	9	7	4	5	3	6	8
13			8	4	4	4	2			3	3	3	2	2	2	2	3	2	3	4	5	5	4	4	4
14	6	5	4	2	2	3	4	4	4	4	4	4	3	3	3	3	4	4	4	4	5	5	4	4	4
15	3	2	2			3	3	2	2	2	2	2	2	ĭ	1	2	5	7	6	4	7	7	7	7	4
16		4	4	3	3	3	3	3	2	3	3	3	2	2	2	5	2	2	6 2	3	3	4	2	2	3
17	6	4	5	3 5 5	5	5		2	2	2	3	2	2	2	3	3	5	4	4	4	4	5	6	5	3
18	-1	4	3	5	3	2	2	2	3	2	2	2	3	3	3	2	2	2	2	2	2	2	6	4	2
19	3	2	2	2	2	4	6		6	3		- 4	3	2	2	2	- 7	2	2	2	3	4	2	6	3
20	3	4	4	3	2	4	0	. 5	6	3		-	3	4	2	•			-	1	-	- 51			
21	В	8	7	7	В	8	9	9	9	9	9	9	10	11	12	11	11	11	10	10	10	10	10	10	9
22	10	10	á	9	8	B	8	8	8	7	6	6	7	7	7 2	7	6	6	5	4	4	3	3	2	7
23	10	1	3	,	1	1	1	1	2	1	1	1	2	2	2	2	2	1	1	2	1	2	2	2	1
23	2	2	,	3	2	2	i	1	- 7	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
24	3	3	3	2	- 7	2	3	3	2	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2
24 25 26 27	3	3	2	-	-	3	2	2	2	1	2	2	2	1	1		1	1	2	2	5	5	5	5	2
26		6	2	6	7	7	7	7	- 7	7	7	2	8	8	9	9	10	10	9	9	8	9	9	9	8
27	6		4		4	4		á	4	4	4	3	2	3	1	1	2	4	2	2	3	5	5	5	4
28	8	6	4	- 4		4	~	-	5	5	6	6	7	7	7	8	8	8	8	8	7	В	8	8	6
29	4	3	3	3	3 B	8	9	9		9		4	4	3	5	9	9	9	9	9	10	9	9	9	В
30	8	8	7	8		8	9	9	8	9		-	- 70	-	•		17	7	-						
MEAN	6	5	5	5	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	5.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 2900B NORTH PARK HAMILTON MONTH - JUL 77 6 7 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR DAY 10 7 1 10 7 2 12 13 14 15 16 17 18 19 20 7 6 2 12 7 6 2 3 2 B 10 6 9 2 8 7 6 7 10 10 22 23 24 25 26 27 28 6 10 5 5 2 2 10 4 10 5 5 2 2 30 В 4.9 MEAN

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " --- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	r - N	ITRO	GEN DI	OXIDE	- CHEM	ILUMI	INESCE	NT			ţ	JNIIS	. 0.	01 PA	RTS/M	LLION	V						
	STA	TION	w C	NO :	29008	N	ORTH	PARK	HAMIL	TON						MON	тн - д	UG	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
3	6	5	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	4	3	3	3	3	4	4	4	5	6	7	7	8	В	9	9	10	9	10	10	9	9	8	В	7
3	7	5	3	3	4	4	5	6	6	5	4	2	6	4	3	В	4	3	7	8	6	6	7	7	5
4	7	6	6	5	6	7	7	7	8	8	9	9	8	8	В	8	8	8	9	9	9	9	9	7	8
5	4	4	2	3	6	6	7	7	7	7	6	6	7	7	В	9	4	9	9	10	10	10	8	3	,
6	5	6	6	6	5	6	6	6	5	5	2	2	2	2	3	5	4	2	2	2	6	6	6	6	3
7	3	3	3	2	2	2	2	2 6	2	2	2	6	2	6	1		2	6	6	6	5	5	5	5	5
В	6	5	3	4	5	5	6		5	5	,				3	3	7			6	5	2	7		2
10	4	4	4	3	3	3	4	4	3 5	3	6	5	6	6	6	7	7	6	6	6	6	6	6	6	5
10	1	3.	,	2	2	2	4	4	5	5	0	5	b	0	ь	,		0	0	0	6	ь	0	0	9
11	5	5	5	4	4	4	4	4	5	5	6	6	7	6		7	7	7	7	5	6	5	5	5	5
1.2	4	3	3	3	3	3	3	4	4	4	5	5	6	6	7	7	7	7	7	6	6	7	В	8	5
13	8	7	7	7	В	8	В	В	7	7	7	7	7	8	а	8	8	8	8	7	7	7	6	6	7
1.4	6	6	5	5	5	4	8 5	5	4	3	5	5	4	5	5	5	4	4	4	4	4	4	4	3	5
15	3	3	3	3	4	3	4	4	4	4		5	5	6	3	6	5	3	3	5	5	4	3	3	4
16	3	3	3	3	3	3	3	3	3	1	1	1	1	1	2	2	2	2	3	5	5	4	3	3	3
17	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	3	3	4
18	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3
19	3	3	3	3	4	4	4	5	5	5	3	2	• • • •	2	7	7	7	5	5	4	4	4	4	4	4
20	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	1	1	3	4	4	4	3	3	3
21	3	3	3	3	3	3	3	2	3	3	4	6	6	6	6	6	6	4	6	6	5	5	5	5	4
22	4	3	2	3	5	5	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	7	7	4
23	6	5	5	4	4	5	4	4	4	4	3	4	4	4	4	5	4	1	2	2	2	2	2	2	4
24	1	1	1	1	1	1	2	3	3	3	4	3	2	4	4	4	4	4	4	3	3	3	3	3	3 2 3
25	2	2	2	2	2	2	2	2		3	2	2	2	1	1	1	1	1	3	4	5	5	4	4	2
26	4	4	3	3	3	3	4	4	4	4	3	3	2	2	2	2	2	. 1	1	2	2	4	6	5	3
27	5	5	5	5	4	5	5	5	5	5	6	7	7	7	7	7	8	8	7	7	7	7	6	6	6
28	6	5	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	7	6	6
29	5	5	5	5	4	4	4	5	5	5	5	4	4	5	5	5	5	5	4	3	3	4	2	2	4
30	3	3	3	3	3	3	3	3	3	4	3	2	2	3	2	2	2	2	1	2	2	3	5	4	3
31	3	3	2	2	2	2	2	-1	1	1	2	1	1	1	1	1	1	1	1	2	2	5	7	7	2
MEAN	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	5	5	4	5	5	5	5	5	5	4.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 5 DAY 9 2 5 2 5 3 11 12 13 14 15 16 17 18 19 21 22 23 24 25 26 27 28 29 30 3 MEAN 3 3 3 3 3 3 3 3 3 3 3.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXIDE	E-CHE	MILUM	INESC	ENT			3	INITS	- 0.0	OI PAI	RTS/M	11110	N						
	STA	TION -	WC	NO :	29008	٨	HORTH	PARK	HAMI	LTON							тн - (77						
HOUR DAY	T	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
	-	120																							1150
-	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4									
5	3	3	3	3	3	3	4	4	4	3	3	3	4	4	4	7	2	4	4	3	4	4	4	4	4
3		4	4	4	3	3	3	4	4	4	4	3	4	4	4	4	4	A 14.	4	4	4	4	4	4	4
-4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	5	5	4	4	3	3	4
5 6	4	4	2	1	0	1	1		1	ĭ	- 7	7	•	4	4	4	4	4	4	4	4	4	2	3	4
6	1	1	1	1	1	1	1	2	3	3	3	4	- 1	- 1	1		1	1	*	1	1	2	2	1	1
7	2	2	2	2	2	2	3	4	4	3	3	4	4	4	4	4	4	4	3	2	2	3	2	2	3
B	5	5	5	4	4	4	4	7		5	3		2.00	4	4	5	5	5	5	5	6	6	5	5	4
9	3	4	a	4	3	3	4	7	5		6	6	6	5	3	3	3	4	4	4	3	3	3	3	7
10	3	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	7
	-	-	•	•	-	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
1.1	4	4	4	3	3	3	4	4	4	4	4	4	5		.2	-									7
1.2	5	5	5	4	4	5	5	4	4	4	5	5	4	4	4	4	4	4	5	5	6	6	6	6	4
13	4	4	4	4	4	4	4	100		5		5	5	4	5	5	5	5	5	5	5	4	4	4	5
14	5	4	4	4	4	4	4	4	4	4	5		5	5	5	5	6	6	6	5	5	5	5	5	5
15	4	3	3	3	3	3	3	3	4	4	5	5	4	5	6	5	4	4	4	4	4	4	4	4	ă
16	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	5	5	5	4	4	4	4	3	3	7
17	1	1		,	ĭ		o	0	3	3	3	3	4	3	3	2	3	3	3	2	2	1	1	1	7
1.8	1	1				4		Ü	3		0	0	1	1	1	1	19	1	ī	1	1				3
19	1		2	2			- 3	1		1	,	1	1	1	2	2	2	2	3	3	3	2	2	- 0	1
20	2	2	2	2	- 1	1	3	2	2	2	2	2	3	2	2	2	2	3	2	2	2	2	2		2
7.5		*		2	1	.1	1	1		2	2	2	2	2	2	2	3	4	4	4	4	3	3	3	2
21	3	3	3	3	3	3	3	3	4	4	à	4	~											~	•
22	3	3	3	3	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3
23	2	3	3	3	3	3	3	3	3	4	3	4		3	3	3	3	3	3	3	3	3	3	3	3
24 25	4	4	4	4	4	4	4	4	3	7	4	4	4	4	5	5	4	4	4	4	4	5	4	4	4
25	4	4	3	3	2	101	2	2	3	3	*		4	4	5	5	4	3	3	3	3	5	4	4	7
26	3	3	3	2	2	2	3				3	3	4	4	4	4	4	3	3	3	3	3	3	3	2
27	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3
28	4	4	5	4	4	4	3	3	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	5	3
29	3	3	3	3			4	4	4	4	4	4	4	4	4	4	4	4	4	4	7	4	3	2	4
30	4	4	3	3	3	3	3	4	4	4	4	4	5	5	4	4	4	4	4	- 4	7	4	4	3	4
55		-	3	3	3	3	2	2	3	4	5	5	5	5	5	5	6	5	5	5	5	4	4	4	4
31	4	3	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	3	4		7		7	•
MEAN	3	3	3	3	-3	3	3	3	3	3	3	4	4	4	4	4	4	4	4		4	1	1	,	3

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	· N	ITRO	GEN DI	OXIDE	-CHEN	II LUMI	NESCE	NT				บทุเร	- 0.0)1 PA	RTS/M	LLIO	N						
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTO								LTON					MON	тн - ,	MAL	77								
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEΔN
1	3	3	3	2	2	2	2	2	2	1	2	2	2	2	3	4	5	5	6	6	5	5	5	5	3
2	5	4	2	3	2	2	2	3	3	3	3	3	4	4	5	6	6	6	6	6	5	5	5	6	4
3	5	5	5	3	3	4	5	6	6	7	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6
4	7	6	7	7	7	6	6	6	5	5	5	6	6	6	6	7	7	7	7	7	7	7	7	7	6
5	6	6	6	7	7	7	6	7	7	7	7	6	2	3	3	4	5	7	7	7	6	7	7	7	6
6	8	В	8	8	8	7	7	7	7	7	6	6	7	7	8	8	8	9	9	8	8	8 6 7	8	8	8
7	7	7	6	6	6	6	7	8	8	7	6	6	5	5	5	5	5	6	9 6 7	6 7	6	6	6	6	6
8	7	7	6	6	6	6	6	6	7	6	6	5	6	7	7	7	7	7		7	7	7	7	7	7
9	7	7	6	5	2	2	2	3	3	2	2	2	2	2	3	5	6	6	6	6	4	3	3	3	4
10	3	3	3	3	4	4	5	5	5	5	5	6	6	6	6	7	5	5	4	4	3	4	3	2	4
11	2	2 5	2	1	2	2	3	4	5	5	5	5	4	4	5	5	5	6	6	6	7	7	7	7	4
12	6	5	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	7	7	6	7	6	7	6	6
13	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	6 7	7	7	7	7	7
14	7	7	8	8	8	8	8	В	9	8	7	7	8	9	9	8	8	9	9	9	9	9	9	9	8
15	9	8	В	7	4	4	5	5	6	6	6	6	6	7	7	7	7	7	7	6	6	9	4	5	6
16	5	5	4	3	3	3	3	3	3 6 6	3	3	4	3	3	3	4	4	4	4	4	4	5	4	4	4
17	5	5	5	3	2	2	4	5	6	6	6	6	6	7	7	7	В	8	8	4	3	3	2	2	5
18	2	1	2	2	3	4	5	6		6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5
19	5	5	5	6	6	6	6	7	7	7	7	7	7	7	7	7	6	7	6	6	6	6	7	6	6
20	5	4	3	3	2	2	5	6	6	7	7	7	8	8	8	8	8	8	8	8	9	9	9	10	6 7
21	9	В	8	8	8	В	8	8	8	7	7	7	7	6	5	6	6	7	7	7	6	7	6	6	7
22	4	5	6	6	5	4	4	5	5	5 6	3	4	6	5	4	5	5	6	6	7	7	7	7	7	5
23	7	7	8	7	7	7	7	7	6		6	6	6	7	В	9	9	8	8	8	8	7	7	8	7
24	8	8	8	8	8	В	8	8	7	7	7	8	7	8	8	8	8	В	8	8	В	8	8	8	8
25	7	7	7	6	6	7	7	7	7	7	7	7	7	8	8	8	8	7	7	7	6	6	6	6	7
26	5	4	3	3	3	3	6	6	7	7	7	7	7	7		8	8	8	7	6	4	5	4	3	6
27	2	2	1	1	2	2	4	5	6	5	5	5	5	6	7	7	В	7	7	7	6	6	7	7	5
28	7	В	8	7	7	6	7	7	7	8	8	7	5	4	4	5	5	6	4	3	3	3	3	3	6
29	3	3	3	2	3	2	3	3	3	3	3	4	4	5	5	5	6	6	5	5	4	4	4	4	4
30	5	4	4	3	3	3	4	4	3	3	4	4	3	3	3	4	4	4	4	3	4	4	3	3	4
31	2	2	2	2	2	2	3	4	5	5	5	5	5	6	6	7	7	7	7	6	6	6	4	4	5
MEAN	5	5	5	5	5	5	5	6	6	6	5	6	5	6	6	6	6	7	7	6	6	6	6	6	5.6

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	. N	ITRO	GEN DI	OXIDE	- CHEM	ILUMI	NESCI	ENT			1	INITS	- 0.0	01 PA	RTS/M	ILLIO	N						
	STA	TION -	wc	NO 2	29025	E	BARTON	/WENT	WORTH	HAMIL	TON					MON	тн - ј	EB	77						
HOUR	Ĭ	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6	2 3 7 6 6 5 5	2 4 7 5 6 5 3	2 3 7 4 5 6 3	2 2 7 5 4 4 5	2 6 4 3 3 4	2 3 5 6 2 3	4 6 7 7 3 3 5	6 7 7 4	6 7 7 5 4 6	6 6 7 5 4 6	6667436	6 6 7 2 3	4 6 6 2 3	3 7 6 6 3 3	3 7 6 5 3 3	5 7 6 3 3	6 7 7 7 3 3	7 7 7 7 4 3 8	7 7 6 8 4 4	7 7 6 8 4	7 7 5 7 4	7 7 5 6 4	6 6 7 5 4	5 7 6 7 5 4 7	5 6 6 4
8 9 10	7 7 8	7 7 8	6 8	5 6 8	4 6 8	4 7 8	6 7 B	7 7 8	7 7 8	7 7 9	8 7 8	8 7 9	9	3 6 9 8 9	9 9	9 9 10	9 9 13	9 9 13	9 11	7 9 9 10	9	6 7 9 13	6 7 9 13	7 9 13	7 8 10
11 12 13	11 7 8 2	7 7 7	5	5 6 4	4 5 3	5 2	6 5 2 3	5 2	8 6 2 6	7 6 2 6	7 2 5	B 2	8 9 2	7 9 2	8 9 3 5	9 3 6	10 10 3	10 10 3	9 10 3 7	9 9 3 7	9	8 9 2 6	8 9 2 6	7 8 2 6	8 3
15 16 17	5 5 6	3 4 5	2 4 5	2 4 4	2 5 4	2 4 5	4 5 7	6 6 7	5 7 7	3 5 7	4 7	3 7	3	5 2 6 8	5 3 7	5 3 8	6 6 8	6 7 9	6 6 9	6 6 9	6 7 9	5 6 8	6	4 7 8	4 5 7
18 19 20	8 6 4	8 6 4	7 6 5	6 7 5	6 7 4	5 7 4	7 7 5	8 5 7	8 4 6	8 3 6	7 4 5	8 2 3	8 2 1	8 2 1	8 2 1	9 2 1	9 2 1	9 3 2	9 5 2	9 7 2	8 6 3	7 4 3	7 6 4	7 6 4	8 5 3
21 22 23	4 7 8 6	2 6 7	2 6 7 6	2 6 7 6	2 5 6	2 4 6 6	4 5 6	7 6 6	7 6 6 7	6 6 7	5 6 6	5 7 6 8	5 7 6 9	5 8 7 9	6 8 7	6 7 7	6 5 7 8	7 6 7 6	7 9 6	7 9 6	7 8 7	7 8 7	6 8 7	6 8 7	5 7 7
23 24 25 26 27 28	4 6 2	4 3 6	1 2 5 2	1 2 4 2	1 6 2	2 6 3	4 2 6 5	4 3 6	5 4 6	4 4 6	4 4 6 5	5 7 5	6 5 7	6 6 5 6	10 6 4 6	6 2 4 6	7 2 4	7 2 3	5 6 5 2	5 6 8 3	5 5 3	4 6 7 3	3 5 6 3	5 7 3	5 4 5
MEAN	6	5	5	4	4	4	5	6	6	6	6	6	6	6	6	6	6	7	7	7	6 7	6	ε	ò	5.7

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. " " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY HOUR 6 7 B 9 10 11 12 13 16 17 18 19 20 21 22 23 24 MEAN DAY 8 10 9 7 5 3 1 3 10 8 11 B 10 9 9 10 8 10 10 9 9 7 10 12 8 7 5 8 11 7 12 13 14 15 16 17 18 8 5 10 9 12 8 7 8 6 9 5 14 12 3 10 13 5 7 9 15 10 7 9 12 10 12 10 9 10 9 10 2 16 9 14 7 5 10 13 10 9 7 22 23 24 25 26 27 28 3 5 10 3 1.1 10 8 1 12 9 7 7 8 5 8 9 6 13 9 12 2 14 10 9 2 11 11 3 9 10 11 13 10 2 10 10 10 7 9 8 9 MEAN 7.1

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2, · · INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 77 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR DATA UNAVAILABLE 12 13 14 15 16 17 18 19 20 5 8 9 11 10 12 5 5 2 8 5 9 10 11 10 5 6 7 11 8 12 8 10 12 10 11 6 4 B 12 10 12 5 2 3 10 10 12 2 6 3 2 13 10 9 13 11 4 13 3 4 10 5 1 7 7 8 1 9 7 5 2 6 11 9 10 8 10 4 B 9 10 7 4 B B 5 7 22 23 24 25 26 27 28 12 12 8 10 10 10 10 10 10 15 4 11 7 16 4 7 14 12 10 9 8 6 5 10 4 11 12 3 9 9 9 7 5 10 10 11 7 10 6 10 2 10 10 7 5 11 9 4 8 3 11 6.0 MEAN

PERCENTAGE OF DATA VALID - 91.8

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 7.8

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 77 HOUR DAY 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 10 2 6 12 13 14 15 17 18 19 20 22 23 24 25 26 27 28

PERCENTAGE OF DATA VALID - 99.6

MEAN

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

4.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MONTH - OCT 77 STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON 20 21 22 24 MEAN 9 10 11 12 13 14 15 16 17 18 19 HOUR 6 7 8 14 15 16 17 8 15 7 7 7 8 2 6 7 22 23 24 25 15 8 4 9 12 B 10 9 4 7 17 8 10 7 13 8 12 8 7 7 18 8 10 4 10 7 10 11 7 8 7 27 28 30 В 5.6 MEAN

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOUSEY AND 2 HOURLY DATA FOR 1977

POLLUTANT - NITROGEN DIOXIDE CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

		22 - PARTIES TANDED.	O.D. FARTS/MILL	ION
STATION . WC	NO 29025 BARTON/WEN	TWORTH HAMILTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.6	8	10
FEB	28	5.7	10	13
MAR	29	6.7	9	12
APR	23	6.4	8	12
MAY	31	7,1	1.1	17
JUN	26	6.0	10	16
JUL	31	5.5	9	12
AUG	31	5.0	8	13
SEP	30	4.5	7	10
OCT	31	5.6	10	18
NOV	30	4.9	7	10
DEC	31	4.4	7	9
YEAR	352	5.6	1.1	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977 POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 13 14 TO 20 21 SOVER TOTAL JAN FEB В MAR APR MAY JUN JUL AUG OCT NOV DEC YEAR

3.4

5.2

1,3

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA
VALID MIN 10

97.1 0

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT

8.6

6.7

9.5 10.7 11.6

ARITH MEAN

5.6

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	. с	NO 3	1001	61	7 COL	LEGE	ST FI	FTH	FLOOR	TORG	OTAC			MONT	н	AN	77						
HOUR	1	2	3	4	5	5	7	В	9	10	33	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	4	4	4	4	3	1	1	2	2	2	2	1	1	-1	1	1	2	3	3	4	4	3	3	4	3
2	4	3	3	3	3	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	3
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4
	4	-4	4	4	4	4	4	3	3	3	2	2	2	2	2	3	3	4	4	4	4	4	4	4	3
5	4	4	4	4	3	4	4	4	4	4	4		4	3	3	3	4	4	4	4	4	4	4	4	4
6	4	4	4	4	4	4	5	5	5	6	5	4	3	3	4	4	5	5	5	6 -	4	4	4	5	4
7	5	4	3	3	4	4	4	4	4	3	2	2	2	2	2	2	3	3	3	3	4	3	3	4	3
8	4	4	3	4	3	3	4	4	4	4	3	4	3	3	3	3	3	4	4	4	4	4	4	4	4
9	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	3	3	3	3
10	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	3	2	3	3	1	2	2	2
11	2	2	2	2	2	2	2	3	3	2	2	*	2	2	2	3	3	3	4	4	3	3	4	4	3
12	5	5	4	4	4	4	4	4	4	3	3	3	2	3	3	3	4	4	4	4	4	4	4	3	4
13	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	4	5	5	4	4	4	3	4	3	a
14	4	5	5	5	5	5	5	5	5	5	5	6	8	7	6	6	6	5	6	6	6	6	5	5	6
15	5	5	5	5	5	3	3	3	4	3	4	4	4	4	3	3	3	4	4	3	3	3	3	3	4
16	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	2	2	3	3	3	2
17	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	4	4	4	3
18	4	3	3	3	4	4	4	4	4	3	3	2	3	3	3	3	4	3	4	4	4	4	4	3	3
19	3	3	3	4	4	4	4	4	4	3	3	3	2	2	2	3	3	3	4	4	4	3	3	4	3
20	4	4	3	2	2	2	3 *	***	4	4	3	3	3	3	3	3	4	4	4	5	5	5	5	4	4
21	5	5	6	6	5	5	5	5	4	4	4	3	3	3	3	3	3	4	4	4	4	4	3	3	4
22	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	9	4	4	4	3
23	4	5	5	5	5	5	4	4	4	4	4	3	3	3	4	4	4	5	5	5	4	4	4	4	4
24	5	5	5	5	5	5	5	5	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
25	5	4	-4	4	4	4	4	4	4	4	4	5	6	6	6	6	6	4	3	3	4	4	4	4	4
26	3	3	3	2	2	2	3	3	4	4	3	3	4	3	3	3	3	4	4	3	3	3	3	3	3
27	2	2	2	1	1	1	2	3	3	3	2	2	2	2	2	3	3	4	5	5	5	5	4	5	3
28	5	5	5	5	5	4	4	4	4	4	4	3	3	3	3	3	4	4		2	2	2	2	2	4
29	3	3	3	3	2	2	3	3	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	3
30	4	3	3	3	4	3	3	3	3	2	2	1	1	1	2	2	2	3	3	3	3	3	3	2	3
31	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	5	4	4	4	4	4	3	2	3
MEAN	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	DLLUT	ANT -	NITRO	GEN E	IOXID	E-CHE	MILUM	INES	CENT				UNITS	- 0.	01 P#	RTS/N	MILLIO	N						
	57	TATIO	N - 1	C NO	31001		67 CC	LLEGE	ST	FIFTH	FLOOR	TOF	отио			MOM	итн -	FEB	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	2	3	3	3	2	2	2		1	2	3	4	5	5	5	5	4	5	5	3
2	4	4	4	4	3	2	3	5	5	5	5	4	4	3	4	4	5	5	5	5	5	5	5	5	4
3	4	4	3	3	3	3	4	5	5	5	5	5	3	3	3	3	3	4	3	5	5	5	5	4	4
4	3	4	3	3	4	4	5	5	5		4	4	3	3	4	4	4		6	6	6	5	5	5	7
5	3	2		2	2	2	3	3	3		2	3	·	4				5	3	3	3	4	4	4	3
6	3	4		2	2	2	3	9	4	3	2	3	- 1	- 1	223	2	2	3				3	3	4	
7	3	2		2	2	2	3	4	4		3	3	2		2	2	5	5	4	4	3				3
В	6	5		5	5	6	6							2		3			6	5	6	6	6	6	4
9	4							6	7		6	7	5	5	6	6	7	7	7	6	5	4	5	6	6
		5		5	5	4	4	5	5		6	5	5	* * * *	5	6	7	8	7	7	7	8	8	8	6
10	7	6	5	6	6	6	5	6	6	7	7	8	7	6	5	4	5	6	6	6	7	7	7	7	6
1.1	6	8	6	6	7	6	6	6	6	6	6	6	4	4	4	4	6	6	6	6	6	6	6	6	6
12	4	5		4	5	6 5 3	6 5 2	5	5	6 5 3	5	5	4	5	5	5	5	5	5	5	5	5	5	5	
13	4	4		- 4	5	- 3	2	5 3	5	3	5	3	3	3	3	3	****							****	5
14				-		~	~		~	3	3	100										****		****	3
15														INVALI											
16			140000	range and	4.412.22	and star	2 10 20 21	part 1		12121212			DATA	INVALI	D .										
					22.1		10.00					****		***		2	2	3	2	3	2	2	2	3	*****
17	2	2		2	3	4	3	4	5	4	4	3	3	3	2	3	4	4	5	6	6	5	5	6	4
18	5	4		- 4	5	4	4	4	4		4	4	4	4	5	3 5	4 5 3	5	5	5	5	5 5	5 5	5	5
19	4	4		4	4	4	-44	3	2	2	1	1	2	2	2	2	3	3	3	3	4	4	3	3	3
20	4	4	4	3	3	4	3	3	3	2	2	1	2	2	2	2	3	5 3 3	5 3 3	3	3	3	3	3	
21	2	2	2	2	2	1	2	3	.3	2	2	2	2	2	2										
22				6	***	****		****		4	4	9	3	3	3	4	5		*					4	
23	4	4	4	4	2	1	96	2	2		2	2	2	2		3	3	5	5	5	4	4	4	- 4	75.1
24	2				2	2	2	3	3		4				2				2		2	2	2	2	2
25	3			- 1	-	2	2	3	- 3	- 3		4	4	4	5	5	5	5	5 2	4	3	2	2	3	3
26	2			- 1	- 4	*	- 2		3	3	3	2	2	2	2	2	3	3	2	3	2	2	3	2	2
					1	1	2	2	2	1	1	1	1	1	1	2	2	3	4	5	4	3	3	3	2
27	3	3	2	2	2	- 1	1	2	2	3	3	4	5	5	4	3	3	2	1	1	2	1	1	1	2
28	1	1	1	1	1	2	2	3	4	4	5	3	1	3	2	2	2	3	4	4	4	3	4	3	2 3 2 2 2 3
MEAN	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	3	4	4	4	5	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 86.5 PERCENTAGE OF DATA INVALID - 13.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "...." INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANI	10.19	NITRO	GEN DI	OXID	E - CHEN	ILLUM	INESC	ENT				UNITS	- 0.0	DI PAR	RTS/M	LLIO	N.						
	STA	TION -	С	NO	31001	,	67 COL	LEGE	ST F	IFTH	FLOOR	TOR	OTAC			MONT	гн - м	MAR	77						
HOUR DAY	,	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	2	1	2	2	2	3	4	4	3	2	1	2	1	1	1	2	2	3	3	3	3	4	4	3	2
2	3	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	3	3	6	8	8	8	7	6	4
3	6	5	5	5	5	5	5	6	7	5	5	4	4	4	4	4	4	4	4	4	4	3	3	3	5
4	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
5	3	2	2	2	2	2	3	2	2	3	2	3	4	4	4	4	4	4	4	3	3	3	3	2	3
6	2	2	2	2	2	1	1	2	1	1	2	1	2	2	2	2	2	2	3	3	4	4	5	5	2
7	4	3	2	2	2	2	3	3	4	3	2	2	1	1	2	2	2	3	3	3	3	4	4	4	3
8	5	5	4	4	4	4	4	4	4	4	4	3	3	4	4	5	6	6	6	6	7	6	6	6	5
9	5	5	4	3	3	3	4	5	5	5	5	4	4	4	4	5	6	6	6	7	6	5	5	7	5
10	6	6	5	4	4	4	5	5	5	5	5	5	5	5	6	6	8	9	8	8	9	9	9	8	6
1.1	8	9	9	9	9	9	8	8	8	7	6	6	5	5	5	5	6	7	8	9	9	7	7	6	7
12	5	5	6	6	6	5	6	5	4	3	3	4	4	4	3	5	7	6	6	6	5	4	3	4	5
13	3	2	2	1	1	1	2	3	2	3	2	2	2	2	2	3	4	4	5	5	5	4	5	5	3
14	4	3	3	2	3	2	3	3	3	3	2	2	2	2	2	2	3	3	4	5	5	5	5	5	3
15	4	4	4	4	4	4	4	4	6	5	4	4	4	6	3	6	7	6	5	4	3	3	4	4	4
1.6	5	5	3	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	1	2
1.7	1	1	1	1	1		2	2	2	1	1		1	1	1	2	2	4	4	4	3	4	4	4	2
1.8	4	4	3	2	1		1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
19	3	5	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	5	4	4	4	3	3	3	3
20	2	5	6	5	4	3	2	2	2	2	2	2	3	3	3	4	4	3	2	2	2	2	2	3	3
21	3	4	4	3	3	3	4	4	4	4	4	3	3	3	4	5	5	6	6	5	4	4	4	5	4
22	4	3	3	2	2	2	2	3	4	4	4	4	3	3	3	3	4	4	4	3	3	3	3	3	3
23	3	3	3	2	2	2	4	4	4	3	3	3	2	2	2	2	3	4	4	5	2	2	2	2	3
24	1	1	1	1	1	1	1	2		1	1	.1		2	2	2	2	2	3	2	3	3	3	3	2
25	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3	3	4	4	4	4	3	4	3
26	4	3	2	2	2	3	3	3	3	3	4	3	3	2	3	3	3	4	5	6	5	4	4	4	3
27	5	5	5	5	5	5	5	5	4	3	3	3	3	4	3	3	3	4	4	4	4	4	4	6	4
28	5	6	6	3	4	5	5	5	5	5	5	5	3	5	5	5	5	5	6	5	4	4	4	4	5
29	4	4	4	4	4	4	4	4	4	4	5	4	3	4	3	4	5	6	6	6	5	6	6	6	5 5
30	6	6	5	6	6	6	6	6	6	4	5	6	5	4	4	4	5	5	3	4	3	3	3	3	5
3.1	4	3	4	3	4	5	3	2	••••	2	4	2	2		1	1	2	2	3	4	3	3	4	3	3
MEAN	4	4	4	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	5	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXIDE -	CHEMIL	UMI	NESC	ENT			4	JNITS	- 0	D1 PA	RTS/MI	LLION	N						
	STA	TION -	c	NO	31001	67	COLLE	GE	ST F	IFTH	FLOOR	TOR	OTAC			MON	тн - д	PR	77						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	5	6	7	5	4	4	5	4	4	4
2	3	3	3	3	3	3	2	3	3	3	4	4	5	5	5	6	6	6	5	5	5	4	3	4	4
3	5	3	2	1	1	1	1	1	1	1	1	1	3		1	2	2	2	3		4	4	4	4	2
4	5	4	4	2	2	2	2	3	2	2	2	3	2	2	3	3	3	3	3	2	2	3 3 3	3	3	3
5	3	3	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	3
6	1	1	1	1	1	1	2	2	2	1	10	2	2	2	2	2	2	2	2	2	2	3	3	3	2
2	2	2	2	2	3	3	3	3	3	2	2	2	3	3			4	4	4		4	3	2	1	3
ė	7	î	1	- 1	1	0	1	1	- 1	1	- 1	1	1	1	1	1	1	1	2	2	2	2	2	3	1
9	3	4	4	3	3	3	3	2	2	- 1	1	1	2	2	1	1	1	1	2	2	4	5	5	5	3
10	5	5	5	5	5	5	4	4	3	3	3	3	3	2	2	3	3	4	5	5	4	4	5	5	4
	-	-	-																						
1.1	5	4	5	5	5	5	5	6	6	6	7	7	7	6	6	5	4	6	4	4	4	4	5	5	5
12	4	4	3	2	2	2	3	4	5	5	6	7	6	5	5 2	7	9	8	7	8	В	9	8	8	6
13	7	7	7	7	6	6	6	4	4	3	3	4	4	3	2	2	3	3	3	3	3	2	2	3	4
14	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	5	6	5	4	4	4	4	3
15	4	4	3	3		3	3	3	3	3	4	3	3	3	4	4	2	2	3	3	4	3	3	3	3
16	4	4	4	4	4	4	3	3	2	4	4	3	3	3	3	3	3	4	5	5	6	5	5	5	4
17	5	5	5	4	3	2	2	2	1	1	2	2	2	3 8 4	4	4	5	6	6	7	6	6	6	5	4
18	5	5	5	6			6	6	6	7	6	5	6	8	6	5	4	5	7	8	6	6	7	7	6
19	6	7	7	6		5 6	6	6	7	5	4	4	4	4	4	4	7	7	7	7	7	7	7	7	6
20	8	8	В	8		7	7	7	В	8	8	7	7	7	6	7	7	7	5	5	5	6	8	7	7
21	7	6	4	4		5	6	7	7	8		8	7	8	8	9	10	10	9	8	7	7	6	6	7
22	4	4	3	2	2	2	3	4	4	4		4	4	4	4		4	4	3	2	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	2		3	2	3	3		4 3 2	3	3	3	3	3	3		3
24	3	3	3	2	2	2	2	1	2	2	2	2	2	3	3		2	5	3	3	3	3		3	3
25	2	2	2	1	1	1	2	2	3	3	3	3	3	3	3		3	4	4	4	4	4	4	4	3
26	4	4	3	4	4	4	4	4	3	3		2	2	2	2		3	4	4	4	5	4	5	5	4
27	4	4	4	4	4	3	3	4	4	4		4	4			3	3	3	3	3	3	3	3	4	3
28	2	2	1	1	1	1	2	2	2	2	2	2	2	2		2	2	2	2	3	3	3	4	4	2
29	4	3	3	3	. 2	3	3	4	4	2	2	2	2	2	2	2	2	2	2	4	4	5	5	5	3 5
30	. 5	5	5	5		5	5	4	5	5		5	5	4	4	3	4	4	4	5	5	4	5	5	5
MEAN	4	4	4	3		3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 14 15 16 17 18 19 20 3 6 8 4 8 4 5 22 2 2 3 2 2 24 25 26 27 28 MEAN 3 3 3.1

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " POLICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN'	r - 1	NITRO	GEN DI	OXIDE	- CHEM	I LUM:	INESC	ENT			u	INLIS	- 0.0)1 PAR	RT5/M1	LLION	ı						
	STA	TION	- с	NO :	31001	6	7 COL	LEGE	ST F	IFTH	FLOOR	TOR	OTAC			MONT	н - 4	UG	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	1	2	2	2	2	2	2	2	2	2	1	1_	1	1	1	1	1	1	1	3	3	3	3	3	2
2	3	3	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	3	4	6 5	7	4	4	3	4
3	5	6	5	4	4	4	5	7	9	6	5	6	6	6	4	6	5	4	5	5	5	5	5	5	5
4	3	3	3	3	2	3	5	5	5	6	5	4	4	5	5	5	3	3	3	5	6	6	6	4	4
5	3	3	2	1	1	2	4	4	5	5	5	4	2	2	1	3	6	6	5	5	5	3	3	3	3
6	5	3	3	2	î	2	3	3	3	3	2	2	2	2	3	4	4	5	5	3	3	3	3	3	3
7	3	3	3	2	2	2	2	2	3	2	1	2	2	1	2	3	4	4	5	4	3	4	6	6	3
8	6	5	5	2	2	3	4	4	6	5	3	4	5	4	4	4	3	3	5	6	6	5	3	2	4
9	2	1		1	1	2	2	3		4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
10	3	2	2	2	2	3	3	4	4	3	3	5	5	4	4	4	3	3	5	6	6	5	4	3	4
11	2	3	3	3	3	3	4	5	4	3		3	2	3	3	3	3	3	3	4	4 5	3	3	3	3
1.2	2	2	1	1	2	2		3		4	2	2	3	3	3	5	3	3	3	3	3	4	4	4	4
13	4	5	4	5	3	4	5	5	4	- 4	3	-		1	1	- 1		1	2	2	3	3	2	2	2
14	4	3	2	- 1	2	1	2	1	1	1	1	-	3	4		2	À	à	4	3	3	3	3	3	3
15	3	2	1	1	1	2	3	3	2	2	2	3	3		3	3	2	2	2	3	4	4	3	3	3
16	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	- 1	2	3	3	3	2	2	1	2
17	3	3	3	3	3	2	3	3	••••	2	2	2	- 2	2	2				2	2	3	3	3	3	2
18	1	1	1	1	1	2	2	2	1	1	1	- 2	1	1	1	2	- 04					2	2	ž	3
19	3	3	3	3	3	3	3	4	5	6		4	3	3	3	4	7	2	2	2	2	3	3	3	2
20	2	2	1	1	1	1	2	,	1	1	1	31	,	1	2	2	3	3	3	3	3		-		
21	4	4	3	4	3	3	3	3	3	3	3	4	4	3	3	3	4	3	4 2	5 3	2	2	3	2	3
22	2	2	1	1	1	2	3	2	2	2	,	2	2	,	2	2	4	3	2	3	3	3	3	3	2
23	3	2	2	2	2		3	3	3	:		2	2	2	2	2	2	2	2	3	3	3	3	3	3
24	3	2	2	2	2	2				3		6	5	4	3	3	3	ā	5	5	5	5	5	5	4
25	3	2	2	2	2	2	2	2	2	3		3	3	5	5	5	4	- 4	5	5	6	6	6	6	4
26	6	5	5	4	4	3			2			5	5	4	3	3	2	3	4	4	4	4	4	3	4
27	7	7	6	6	5	4	4	4	4	3		2	2	2	2	2	2	3	4	4	3	3	3	3	2
28	4	3	2	2	1	1	2	2	2	2				2	2	3	3	3	2	2	2	2	2	2	2
29	3	2	2	2	2	2	3	3	4	3		2	2	2		2	3	3	4	3	2	2	3	3	2
30	2	2	2	2	1	1	2	2	3	3	4	2	2	=	3				100	-	-		-	15-50	•
31	3	2	2	2	2	2	2	2	••••	3	4	5	5	5	5	4	4	4	5	5	6	4	5	5	4
MEAN	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3.0

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- * INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 77 HOUR 5 6 7 8 9 10 11 3 4 13 14 15 16 17 10 19 20 21 22 23 24 MEAN DAY 12 13 14 15 16 17 18 19 20 3 2 2 2 3 3 ···· 2 2 3 ···· 3 3 3 3 2 2 2 2 3 2 2 23 24 25 26 27 28 29 30 2.8

PERCENTAGE OF DATA VALID . 98.8

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 77 HOUR 6 7 8 9 10 11 13 14 15 16 17 18 19 21 22 DAY 1 2 22 2 2 2 2 24 25 27 29 30 MEAN 2.6

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. " INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT HYDRO SS SHERBOURNE/WILTON ST. TORONTO MONTH - AUG 77 STATION - C NO 31105 22 23 24 MEAN 9 10 11 12 13 14 В HOUR DATA UNAVAILABLE 12 13 14 15 16 17 18 19 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
- 7 5 5
1 2 2 3 23 24 25 29 30 4.0 à MEAN PERCENTAGE OF DATA UNAVAILABLE - 59.7

PERCENTAGE OF DATA VALID - 40.3

PERCENTAGE OF DATA INVALID - 0.0

NOTES 1. "...." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO MONTH - SEP HOUR 24 MEAN 3 2 2 2 2 2 3 3 3 2 2 3 3 3 2 2 16 17 18 19 20 22 2 2 2 1 27 2.3 MEAN

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID . 0.3

PERCENTAGE OF DATA UNAVAILABLE -0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

	POL	LUTAN	T - N	1TRO	GEN DI	OXIDE	- CHEM	ILUMI	NESCI	ENT				UNITS	- 0.	01 PAF	RTS/M	ILLIO	N						
	STA	TION	· с	NO	31105		1Y DRO	5 5 5 F	ERBO	JRNE/	WILTON	ST.	TORON	TO		MON	тн - (DEC	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	2	2	2	2	2	2	2	2	2	3	3	4		3	2	2	3	3	2	2	2	2	2	2	2
2	2	2	1	1	1	1	2	3	4	3	3	3	3	3	4	3	2	2	2	2	2	2	2	ź	2
3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	Š	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2	2
5	2	2	2	2	2	2	2	2	2	2	2 .		2	2	3	3	3	3	3	2	2	2	2	;	2
6	2	2	2	2	2	2	3	4	4	4	4	3	3	3	3	3	3	4	3	3	3	3	2	3	2
7	3	3	3	2	2	2	3	3	3	3	3	3		3	3	3	4	4	3	4	4	3	3	3	3
8	4	4	4	4	3	-4	4	4	5	6	4	4	3	3	3	3	3	3	3	2	2	2	2	3	3
9	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	3 3 3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3
11	4	4	4	4	4	5	4	4	4	4	3	3	4	3	4	4	4	5	5	5	5	6	6	6	4
12	6	6	5	6	5	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	4
14	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3		4	4	4	4	4			4	4	4	4	3	3	3	3	3	3	3	3
16	2	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	2	2	2	2	2	2	2	2	5	4	4	4	3	4	4	4	4	4	4	3	3	3	2	3
18	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
19	4			1	2	1	1.	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
20	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
21	2	2 2	2 2	2	2	2	2	2	2	2	3	3	3	3	3		3	2	2	2	2	2	2	2	2
23	2	2	1	1	2	*	2	2 2	2	2		• • •	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	3	3		3	á	3	3	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2
25	3	2	2	2	,	•	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	2	2	1	Ť	,		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	,	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2
28	3	3	3	2	2	2	3	3 .	•••	3	3	3	2	3	2	3	3	3	3	3	3	3	3	3	2
29	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
30	3	3	3	3	3	3	4	4	4	3	3	4	4	4	3 4	3	3	3	3	3	3	3	3	3 4	3
31	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - JAN 77 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 10 3 13 16 4 3 4 2 5 21 22 23 24 25 26 4 31 2 3 3 3 3 3 3 3 3 3 4 4 4 4 3 2 3 MEAN 4 4 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 3.8

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH MONTH - FEB 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 2 3 4 5 5 5 55444555 32556 5 5 7 5 9 5 5 6 5 4 6 5 5 6 6 5 6 2 25555555 19 21 22 23 24 26 4 MEAN 3 5 5 5 4.3

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. .- INDICATES DATA IS UNAVAILABLE
- 3, ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - MAY 77 HOUR DAY 2 3 4 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 5 1 4 5 4 5 4 5 6 12 13 14 15 16 17 18 6 9 7 9 10 5 7 10 9 9 11 8 5 3 22 23 24 25 26 27 28 29 30 6 4 3 3 5 9 2 4 3 2 5 6 6 3 7 6 7 8 7 **** MEAN 5.2

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - D.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - JUN 77 HOUR 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 6 7 В 24 MEAN 4 4 5 4 3 3 5 5 5 4 3 3 3 3 4 2 5 5 4 4 9 10 6 4 2 6 4 3 5 4 5 12 13 14 15 16 17 18 22 23 24 25 26 27 5 5 3 9 6 6 10 4 3 6 6 4 29 30 MEAN 4.6

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE - CHEMILUMINESCENT UNITS . 0.01 PARTS/MILLION STATION : C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - SEP 77 HOUR В 9 10 11 22 23 24 MEAN 5 5 4 4 2 2 5 5 5 5 2 2 5 4 4 2 5 5 5 2 -23456780 4 5 4 2 4 4 2 DATA INVALID 12 13 14 15 16 17 18 19 20 DATA INVALID 5342454-2 3 3 22 23 24 25 27 28 29 MEAN 3.2

PERCENTAGE OF DATA VALID - 81.1

PERCENTAGE OF DATA INVALID . 15.6

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH MONTH - OCT HOUR 24 MEAN 1 2 3 4 5 6 7 2 2 2 2 2 2 2 3 2 2 3 2 2 12 13 14 15 3 1 2 3 1 2 3 3 1 3 2 2 2 2 2 17 19 22 23 24 25 26 27 4 3 4 5 7 3 2 2 **** MEAN 3.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	CTA	TION .	С	NO 3	3003	1.	AWREN	CE /KE	NNEDY	SCAR	BORO	пен				MON	TH -	IAN	77						
warene .	162000	- -								10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24 N	1FAN
DAY	1	2	3	4	5	6	7	8	9	10	100	12	13	14	13	1.0	10.40	10	182	20			æ4.	æ	-5.0
1 2 3 4 5 6 7 8 9	3 2 3 2 2 4 2 2 1	2 3 3 3 2 2 3 2 2 1	2 3 3 2 2 3 2 1 0	2 2 3 3 2 2 3 2 1 1	2 2 3 3 3 2 3 2 1 1	1 1 3 3 2 2 3 2 1 1	1 1 3 2 : 2 2 2 1 1	1 2 1 0 1 2 2 1	1 2 2 1 1 2 2 1 1	1 2 2 2 1 1 2 2 1	1 2 2 2 2 2 2 2 2 1	2 2 2 2 2 2 2 2 2 2 1	1 2 2 2 3 2 2 1 1	2 3 2 2 2 2 2 2 2 2	2 2 2 2	2 3 2 2 3 2 2 1 2	3 3 2 2 2 3 2 2 1 2	3 2 2 1 3 2 2 1 2	2 2 2 4 2 2 1 2	3 3 2 2 2 4 2 3 1 2	3 2 2 1 3 2 2 1 2	3 3 2 2 2 3 2 2 1 1	3 3 2 2 2 3 2 2 1 1	3 2 2 2 3 2 1 1	2 2 2 2 2 2 2 1 1
11 12 13 14 15 16 17 18 19	1 3 2 2 2 2 2 2 2 3	132222223	1 3 2 3 3 2 2 2 2 2	1 3 2 3 3 2 3 2 2 2	1 2 2 3 3 1 2 2 2 2	1 2 3 2 2 2 2 1 2	2 2 2 2 2 2 2 2 2 2	2 2 1 1 2 2 2 1 1 2	2 2 1 1 2 2 1 1 2	2 2 1 2 2 1 1 2	2 2 3 2 1 2 1 2 3	2 2 2 5 2 1 2 2 2 3	2225212222	2 2 3 2 2 2 2 2 2 2 2	2 2 3 3 2 2 2 2 2 2	2 2 3 3 2 2 2 2 2	2 1 1 3 2 2 2 1 2 2 2	2 1 1 2 2 1 2 2 3	2 1 2 3 2 1 2 2 3	3 2 2 2 2 2 2 2 3	2 2 2 2 2 2 2 3	2 2 2 2 2 2 2 3	3 2 2 3 2 2 2 2 3	3 2 2 3 3 2 2 2 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
21 22 23 24 25 26 27 28 29 30	3 2 3 3 3 2 1 3 2 2	4 1 2 3 2 2 1 3 2 2 2	4 1 2 3 3 1 1 3 2 2	3 3 2 1 3 2 2	3 2 3 2 1 1 3 2 2 2	3 1 3 3 2 2 1 3 2 2	2 1 3 2 2 2 2 2 2 2 2 2 2	1 2 3 2 1 2 2 2 2 2	1 2 3 2 1 2 2 2 2 2 2	2 2 3 2 2 2 1 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 3 **** 2 ****	2 1 2 2 3 **** 2 2 2 1		1 2 2 2 3 2 2 2 2 2	1 2 3 2 3 3 2 2 2 2	1 2 3 2 2 3 2 2 2	2 2 3 2 2 3 3 3 2 2	222233222	2 2 2 2 2 3 2 2 2	2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2	2 2 2 2 3 1 2 2	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
31	2	1	2	2	2	2	2	2	2	2	2	****	2	2	2	3	3	3	2	2	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POLI	UTANT	- N	ITROG	EN DI	OXID	E-CHEM	ILUMIA	VESCE	NT				UNITS	- 0.	01 PA	RTS/MI	LLION	Į.						
	STAT	ION .	C	NO 3	3003		LAWREN	CE/KE	NEDY	SCAR	BORO	UGH				MON:	тн - в	EB	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9 10	1333322244	1 3 2 2 2 2 1 3 4 4	1 3 2 2 2 1 3 4 4	1 2 2 1 1 1 3 4 5	1 2 2 2 1 1 1 3 4	1 2 3 1 1 1 3 4	2 3 2 3 2 1 2 2 3 3 3	2 2 2 2 1 2 1 3 3	2 2 2 2 1 3 2	2 2 2 2 1 2 2 3 3	2 3 2 2 1 2 2 3 3	2 3 2 3 2 1 2 2 3 3	3 3 3 2 2 2 2 3 3 4	2 3 **** 3 2 2 2 2 **** 3 4	2 2 2 2 2 2 4 4 3	2 3 2 3 2 2 2 4 4 3	2 2 2 2 4 4 2	2 3 2 3 2 2 4 4 3	2 2 2 2 2 4 4 4	1 3 2 3 2 2 2 2 4 4 4	1 3 2 3 2 2 2 4 4 3	2 3 3 3 2 2 4 4 3	3 3 3 3 2 2 2 4 4 4	3 3 2 2 2 2 4 4 3	2 3 2 3 2 2 2 3 4 3
11 12 13 14 15 16 17 18 19	4 2 2 1 2 3 2 4 3 3	3 2 3 1 2 2 2 3 3 3 3	5 2 3 1 1 2 2 3 3 3	5 2 3 1 1 2 2 4 3 2	4 3 3 1 1 3 2 4 3 2	4 3 2 1 1 3 3 4 2 2	4 3 2 2 2 3 3 3 2 2	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 2 2 2 2 3 3 3 2 3	4 3 2 2 2 3 3 2 2 3	**** 3 1 2 2 2 3 3 3 3 3 3 3 3 3		2	3	3322333323	3 3 2 2 3 3 3 2 3	3 3 2 2 3 3 4 3 3 3	3 3 3 3 4 3 3 3	3 2 3 2 3 4 3 3 3	3 2 3 3 3 4 3 3 2	2 2 3 2 3 4 3 3 3	2223333333	2 2 2 3 2 4 3 3 2 2	3322333333
21 22 23 24 25 26 27 28	2 3 1 3 3 2 2	1 3 3 1 3 3 2 2	1 3 2 1 3 2 2 2	1 3 2 1 2 2 1 1	1 3 1 1 2 2 1 1	2 1 1 2 2 1 2	2 3 1 2 3 2 1 3	2 1 2 3 3 1 4	2 1 2 4 3 1	2 1 2 3 3 2 5	2 3 1 2 4 3 5	3 1 2 3 4 4	3 1 **** 3 4	3 2 **** 4 4	3 2 3 4 4	3 3 1 **** 4 5 3 4	3 1 4 4 5 3 4	3 1 4 4 5 3 4	3 1 4 4 4 2 4	3 2 4 4 4 3 4	4 3 2 4 4 2 3 4	4 3 2 3 3 2 4	3 3 3 3 2 2 4	3 1 3 3 2 2 4	2 3 1 2 3 3 2 3
MEAN	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	ST	ATION		NO.	3300	3	LAWR	ENCE/	KENNE	DY SCA	RBORO	UGH				NON	TH -	MAR	77						
HOUR	ī	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	3	3	4	4	4	3	3	3	3		3	-									
2	3	3	2	2	2	3	4	4	4	4	ă	4	3	4	4	3	4	4	4	4	4	4	4	5	3
2	5	4	4	4	4	5	5	5	6	5	4	2	2		2	2	5 2	6	6	7	7	7	6	6	4
4	1	1	1	1	1	1	1	1	2	1	1	-	•		1	2	2	3	2	2	2	1	1	1	3
4 5 6 7	****	3			2				3	3	3	3	3	3	3	4	- 2	4	4	3	3	4	4	3	2
6	3	2	2	1	1	- 24	14				2	3	3	3	3	4	4	4	3	3	3	2	2	3	3
	3	3	3	2	2	4	4	4	4	4	4	3	4	3	3	3	3	4	4	4	4	4	4	4	3
8	3 4	4	4	4	4	4	4	4	4	5	5	4	5	5		5	3 5 8			4	4	4	4	4	
9	6	5	4	3	3	4	5	5	6	5	6	6	6	6		6	5	6 7	6	7	6	6	6	6	5 5
10	7	7	5	4	5	6	7	6	7		7	7	****	7	6	7	9		7	6	5	4	5	7	5
			-				3.47			u						,	9	9	9	10	10	10	11	11	В
1.1	12	12	9	7	6	7	7	6	7	6	5	3	3	2	2	2	3	3	4	4	4	4	4	4	
12	4	2	2	2	2	2	2	3	3	3	3	3	2	3	2	2	2	3		5	5	5	3	2	5
13	2 6	1	1	1	1	1	1	1	2	3	4	3	3	3	2	3	4	4	-	5	5	6	6	5	3
14	6	4	3	3	3	2	3	3	3	4	4	3	3	3	3	3	4	4	4 5 4 3 5 4 6	4	5	4	4	5	3
15	4	4	4	4	4	2 4 2	4	5	6	5	4		3	4	6	7	5	4	3	3	2	2	2	3	4
16	2	3	4	2	1	2	2	3	3	3	3	3	3	3	4		3	4	3	3	3	3	3	3	4
17	2	2	2	2	2	2	3	4	4	4	4	4	3	3	4	4	4	5	5	5	5	6	6	6	3
13	4	3	2	2	1	1	2	2	2	2	2	3	2	2		3	3	5 3	4	4	2	4	4	4	4
19	4	4	4	4	4	4	4	4	4	4	5	5	4	4	5	5	6	6	6	7	6	5	5	6	3
20	6	6	6	5	4	4	2	2	2	2	2	2	2	2	2	2	4	4	3	3	3	3	4	4	5 3
21	3	5	5	4	4	5	5	5	6	5	6	6	6	6	****	_	_		_	72					2011
22	2	1	1	1	1	2	5 2	3	2	3	3	3	3	3		6	6	6	6	5	4	4	4	4	5
2.3	2	1	- 1	1	4	5	3	4	4	2	3	6 3 4	4	4	3	3	4	4	4	4	4	3	3	3	5 3 3
24 25	1	1	19.	•	4	2	3	4	4	4	4	4	3	3	3	3	4	5	6	5	3	3	4	3	3
25	2	2	1	1	1	2	3	4		3	4	4	3	3		4	4	4	4	4	4	4	4	3	3
26	3	3	2	9	2	ā.	4	4	4 3 3 4	4		5	4	4				6	4		4	4	4	4	3
27	5	5	5	5 2	5	3	4	4	3	3	5	3	2		5 2 3	5 2 3	5 2 4	6	6	7	6	6	6	6	4
28 29	2	2	2	5	5	2	3	4	4	4	4	4	3	2 3 5	2	2	2	2	2 5 5	2	2	2	2	2	3
29	2	2	2	2	2	2	3	3	3	3	4	4		3	4	4	4		5	4	4	4	4	4	3
30	6	6	6	6	6	5	6	6	5	3	3	-	4	4	3	5	4	4	5	4	4	5	6	6	4
200		0073		-		,		0	3	3	3	9	4	4	3	5		6	5	5	5	5	4	5	5
31	5	5	3	2	4	4	4	4	4	3	3	3	3	3	••••	4	4	4	5	4	4	4	4	3	4
MEAN	4	3	3	3	3	3	4	4	4	4	4	4	3	4	3	4	4	4	5	5	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PC	DLLUT	ANT -	NITE	OGEN	DIOXI	DE-CH	EMILU	MINESC	ENT				UNIT	s - p	.01 P	ARTS/	MILLI	NC						
	S1	TATIO	٠ ١٨	C NO	3300	3	LAWR	ENCE/	KENNED	Y 5C	ARBOR	OUGH				MO	NTH -	APR	77						
HCUR DAY	1	2	3	- 4	5	6	7	В	9	10	11	†2	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	ż	4	4	4	4	4	3	2	2	2	5	4	3	3	2	2	2	2	2	2	2	
2	1	1	1		1	1	1	1	2	2	2	3	3		3		4	3	ā	_ A	á	7	4	5	3
3	5	3	2	1	- 1	1	1	- 1	1	2	2	3		3	3		4	4	4		-	4	4	4	3
4	4	3	2	1	- 1	1	1	- 1	- 1	1	1	1	1	1	1	1	1	- 1	1		-	1	,	1	3
5	1	1	1	,	1	2	3	3	4	3	3	3	3	3	9	3	, a	À	3	3	4.	2	2	2	- 1
6	1	1	1	1	- 1	2	3	3	3	3	3	3	3	3		2	3	3	3	3	2	2	3	3	
7	4	3	3	2	3	4			4	3	3	3					ă		3	1	5	3	3	2	
8	2	1	1	C		0	0	0	1	1	1	1	2				2		3		2	3	3	4	
9	4	4	4	4	3	3	3	3	3	3	3	3	4	3	3	3	3		4		3		5		
10	6	6	5	5	5	6	5	5	5	5	5	5		3	ž		3		3		3	5 3	3	5 3	4
11	2 6	2	2		2	2	3	4	6	8	10	1.1	10				6	5	5		4	3	4	5	5
13	7	7	2	1	7	2			5	5		6	8		7	7	6	5	7		6	В	8	8	5
		7		7		6	5		5	5	5	4		3	3	4	4		4	4	4	4	4	4	5
14	3	3	3		2	2			4	4	4	4				3	3		4		5	4	4	4	3
15	4	4	3			4			4	4	4	3	4	4	4		4	5	5	5	5	4	4	4	ă
16	4	4	3			3	4		4	3	4	3 5	5		6 3 6	6	6	6	6		5	5	5	5	5
17	4	4	4	4		3	3		2	1	1			2	3	4	5	4	4	5	6	6	6	6	4
18	5 7	5	5	5		6	6		6	7	7	5	6		6	6	6	7	7	7	7	7	8	8	- 6
19		8	7	7	7	6		6	6	5	2	2	2	2	2	2	2	2	3	4	-	В	8	9	5
20	8	7	5	7	7	7	7	7	7	8	8	7	6	6	4	3	3	3	3	3	2	4	5	8	6
21	5	4	4	3	3	4	5	6	6	5	4	4	4	6	5	-	6		10	7			~	-	
22	5	3	4	2		2	4		5	5	5	4	5	4	4	5 3	4	8	3		8	7 2	7 2	7	
23	1	1	0					****					****								2			2	3
23 24												-	DATA	INVA	110	5.3.00	4.000								
25				****	****			****						****		- 24	6	6			23.	-	-	-	
26	6	5	5	5	4	5	5	5		4	3		9	2	2	3	4	5	6	5	5	5	5	5	
27	4	5	4			4	3	4	4	4	4	4	4			5	5	5	5 5	6	5	4	4	4	4
28	3	3	2				3	3	3	3	3	3		0	5 3	4	3	4	5	4				5	
29	4	4	ā		2	2	3	2	3	3	3	3		3	3		3	4	3	4	3	3	3	3	3
30	4	4	4	4	4	4	4		3 5	3 7	7	6	5	6 3 3 5	3	5	5	4	4 5	6	6	4	5	4	4
MEAN	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	3.9

PERCENTAGE OF DATA VALID - 91.3 PERCENTAGE OF DATA INVALID - 8.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

NO 33003 4 5 4 3 5 7 7 7 4 4 6 7 7 6 6 6 6 6 5 5 3 3 3 3 5 5 5 5 5 5 5 5 5	7 4578757556 5555685 7 477456 534675	NCE/KE B 4678757556 5656953	9 5678557556 465605	5 SCAR 10 6 6 8 7 5 5 6 6 6 6 4 5 6 6 6 1 1 5	11 6 6 8 6 6 5 5 6 6 6 4 6 6 9 0 5	GH 12 7686545786 457995	7 7 8 6 3 4 5 7 8 6 4 5 7 7 7	14 6756245776 44675	15 6756245676 4478	MONT 16 7 7 5 6 4 5 6 6 8 6 7 8	H - 17 6 7 5 6 5 5 6 7 8 6 4 5 8 10	7755656786 4581	77 19 7776856876 4689	20 7 8 8 7 9 5 7 9 7 7 4 7 8 10	21 7 88 7 9 5 5 10 7 8 4 8 8 9	22 78775557778 4787	23 776846678	24 M 6 7 7 7 3 6 4 5 6 7 4 6 6 8	EAN 667665666 5567
4 5 7 4 6 3 7 4 5 6 5 3 3 5 5 5	35776747456 534675	4678757556 565695	5678557556 465605	6687556666 45661	6 6 8 6 6 5 5 6 6 6 4 6 6 9 0	768654578645799	7 7 8 6 3 4 5 7 8 6	6756245776 4467	6 7 5 6 2 4 5 6 7 6 4 7 6	7 7 5 6 4 5 6 6 8 6 4 5 7	6756556786 458	7755656786 458	7776856876 468	7 8 8 7 9 5 7 9 7 7 4 7 8	7 8 8 7 9 5 5 10 7 8 8 8	7 8 7 7 5 5 5 7 7 8 4 7 8	7 7 6 8 4 6 4 6 7 8	6 7 7 7 3 6 4 5 6 7	667665666 556
5 7 4 7 3 7 4 5 6 5 3 3 3 5 5 5	5767477456 555685	678757556 565695	6 7 8 5 5 7 5 5 6 6 5 6 6 6 6 6 6 6 6 7 6 6 7 6 7	6 8 7 5 5 6 6 6 6 4 5 6 6 6 1 1	6 8 6 6 5 5 6 6 6 4 6 6 9 10	6 8 6 5 4 5 7 8 6 4 5 7 9 9	B 6 3 4 5 7 B 6 4	7 5 6 2 4 5 7 7 6 4 4 6 7	7 5 6 2 4 5 6 7 6 4 7	7 5 6 4 5 6 6 8 6 4 5 7	7 5 6 5 5 6 7 8 6 4 5 8	7 5 5 6 5 6 7 8 6 4 5 8	7 7 6 8 5 6 8 7 6 4 6 8	.887957977478	8 8 7 9 5 5 10 7 8 4 8 8	8 7 7 5 5 5 7 7 8 4 7 8	7 6 8 4 6 4 6 7 8	7 7 7 3 6 4 5 6 7 4 6 6	67 66 56 66 65 55 66
5 7 4 6 3 7 4 5 6 6 5 3 3 3 5 5 5	5767477456 555685	678757556 565695	6 7 8 5 5 7 5 5 6 6 5 6 6 6 6 6 6 6 6 7 6 6 7 6 7	6 8 7 5 5 6 6 6 6 4 5 6 6 6 1 1	6 8 6 6 5 5 6 6 6 4 6 6 9 10	6 8 6 5 4 5 7 8 6 4 5 7 9 9	B 6 3 4 5 7 B 6 4	7 5 6 2 4 5 7 7 6 4 4 6 7	7 5 6 2 4 5 6 7 6 4 7	7 5 6 4 5 6 6 8 6 4 5 7	7 5 6 5 5 6 7 8 6 4 5 8	7 5 5 6 5 6 7 8 6 4 5 8	7 7 6 8 5 6 8 7 6 4 6 8	.887957977478	8 8 7 9 5 5 10 7 8 4 8 8	8 7 7 5 5 5 7 7 8 4 7 8	7 6 8 4 6 4 6 7 8	7 7 7 3 6 4 5 6 7 4 6 6	67 66 56 66 65 55 66
4 6 3 7 4 5 6 5 3 3 5 5 5	7 6 7 4 7 4 5 6 5 5 5 6 8 5 7 5	78757556 565695	7 8 5 5 7 5 5 6 4 6 5 6 10 5	8 7 5 5 6 6 6 4 5 6 6 1 1	8 6 6 5 5 6 6 6 4 6 6 9 10	8 6 5 7 8 6 4 5 7 9	63 4 5 7 8 6 4	56245776 4467	5 6 2 4 5 6 7 6 4 4 7	56456686 457	5 6 5 5 6 7 8 6 4 5 8	55656786458	76856876 468	8 7 9 5 7 9 7 7 4 7 8	8 7 9 5 5 5 10 7 8 4 8 8	7 7 7 5 5 5 5 7 7 8 4 7 8	6 8 4 6 4 6 7 8	7 7 3 6 4 5 6 7 4 6 6	7 6 6 6 6 6 6 5 5 6 6 6 6 6 5 6
7 3 7 4 5 6 5 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	67447456 555685 74757556 555685	7 5 7 5 5 5 5 5 5 5 5 5 5 5 5	8 5 5 7 5 5 6 4 6 5 6 10 5	7 5 5 6 6 6 6 4 5 6 6 1 1	6655666466910	6 5 7 8 6 4 5 7 9	63 4 5 7 8 6 4	6 2 4 5 7 7 6 4 4 6 7	6 2 4 5 6 7 6 4 4 7	6 4 5 6 6 8 6 4 5 7	6556786 458	6 5 6 7 8 6 4 5 8	6856876 468	7 9 5 7 9 7 7 4 7 8	7 9 5 5 10 7 8 4 8 8	7 5 5 5 7 7 8 4 7	В	7 3 6 4 5 6 7 4 6	6656666 556
3 7 7 4 4 5 5 6 6 5 3 3 3 5 5 5 5	7 4 7 5 5 5 6 5 5 5 5 6 8 5 7 5 5 6 8 5 7 5 5 6 8 5 7 5 5 6 8 5 7 5 5 6 8 5 7 5 8 7 5 7 5	7 5 7 5 5 5 5 5 5 5 5 5 5 5 5	5 5 7 5 5 6 4 6 5 6 0 5 10 5	556666 6 456611	6 5 5 6 6 6 6 9 10	5 4 5 7 8 6 4 5 7 9 9	3 4 5 7 8 6	2 4 5 7 6 4 4 6 7	2 4 5 6 7 6 4 4 7	4 5 6 8 6 4 5 7	5 5 6 7 8 6 4 5 8	6 5 6 7 8 6 4 5 8	8 5 6 8 7 6 4 6 8	9 5 7 9 7 7 4 7 8	9 5 5 10 7 8 4 8 8	5 5 5 7 7 8 4 7 8	В	3 6 4 5 6 7 4 6	656666556
3 7 7 4 4 5 5 6 6 5 3 3 3 5 5 5 5	4 7 5 5 6 5 5 5 6 8 5 5 5 6 8 5 5 5 6 8 5 5 5 6 8 5 5 5 6 8 5 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 6 6	5 6 5 6 5 6 5 6 9 5	57556 465605	5 6 6 6 6 6 6 1 1	5 5 6 6 6 6 9 10	4 5 7 8 6 4 5 7 9 9	4 5 7 8 6	4 5 7 6 4 4 6 7	4 5 6 7 6 4 4	5 6 6 8 6 4 5 7	5 6 7 8 6 4 5 8	5 6 7 8 6 4 5 8	5 6 8 7 6 4 6 8	5 7 9 7 7 4 7 8	5 5 10 7 8 4 8 8	5 7 7 8 4 7 8	В	6 4 5 6 7 4 6	5 6 6 6 5 5 6
7 7 4 4 5 5 6 6 6 5 5 3 3 3 5 5 5 5	7 5 5 6 5 5 5 6 8 5 5 5 6 8 5 5 5 6 8 5 6 8 5 5 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 8 5 6 6 6 6	5 6 5 6 5 6 5 6 9 5	7 5 5 6 4 6 5 6 10 5	6 6 6 4 5 6 6 1 1	5 6 6 4 6 6 9	5 7 8 6 4 5 7 9	5 7 8 6	5 7 7 6 4 4 6 7	5 6 7 6 4 4	6 6 8 6 4 5 7	5 7 8 6 4 5 8	6 7 8 6 4 5 8	6 8 7 6 4 6 8	7 9 7 7 4 7 8	5 10 7 8 4 8 8	5 7 7 8 4 7 8	В	4 5 6 7 4 6	6 6 6 5 5 6
4 4 5 5 6 6 5 5 3 3 3 5 5 5	4 5 5 6 6 5 5 3 4 5 6 6 7 8 5 5 5	5 6 5 6 5 6 5 6 9 5	556 4656 105	6 6 6 5 6 6 11	6 6 6 6 6 9	7 8 6 4 5 7 9	6	7 7 6 4 4 6 7	6 7 6 4 4 7	6 8 6 4 5 7	7 8 6 4 5	4 5 8	8 7 6 4 6 8	9 7 7 4 7 8	10 7 8 4 8	7 7 8 4 7 8	В	5 6 7 4 6	6 6 5 5
5 5 6 6 5 3 3 3 5 5 5 5 5	5 5 6 6 5 5 3 5 5 6 6 7 8 5 5 5	5 6 5 6 5 6 5 6 9 5	5 6 4 6 5 6 10 5	6 4 5 6 11	6 4 6 9	8 6 4 5 7 9	6	7 6 4 4 6 7	7 6 4 4 7	8 6 4 5 7	8 6 4 5 8	4 5 8	7 6 4 6 8	7 7 4 7 8	7 8 4 8	7 8 4 7 8	В	6 7 4 6	6 6 5 6
6 6 5 5 3 3 5 5 5 5	6 6 5 5 3 5 4 5 6 6 7 8 5 5	6 5 5 5 5 5 5 5	6 6 5 6 10 5	6 5 6 11	6 6 9 10	6 4 5 7 9	6	6 4 4 6 7	6 4 4 7	6 4 5 7	6 4 5 8	4 5 8	6 4 6 8	7 4 7 8	8 4 8 8	8 4 7 8	В	7 4 6 6	6 5 5 6
5 5 3 3 3 3 5 5 5 5	5 5 5 4 5 6 7 8 5 5 5	5 6 5 6 9	4 6 5 6 10 5	4 5 6 11	4 6 9	4 5 7 9	4	4 4 6 7	4 4 7	4 5 7	4 5 8	4 5 8	4 6 8	4 7 8	4 8 8	4 7 8	-	4 6	5 5 6
3 3 3 3 5 5 5 5	3 5 4 5 6 6 7 8 5 5	6 5 6 9 5	6 6 10	5 6 11	6 9 10	5 7 9		4 6 7	4	5	5 8	5 8	6 8	7 8	8	7	4 7 7	6	5
3 3 5 5 5 5	4 5 6 6 7 8 5 5	5 6 9 5	5 6 10 5	6 6 11	6 9 10	7 9 9	5 7 7 7	6	7	7	8	8	8	8	В	8	7 7 7	6	5
5 5 5 5	6 6 7 8 5 5	6 9 5	6 10 5	6	10	9	7 7 7	7					8		В	8	7	6	6
5 5	7 8 5 5	9	6 10 5	11	10	9	7			0							7		
	5 5	5	5				7												
	5 5	5	5						5	5	5	6	8	9	9	в	ź	6	7
		3					5	6	5	5	5	5	6	8	7	6	2	6	5
3 3	3 3		3	4	4	4	2	4	4	4	5		4			7	9		5
5 5	5 5	č	8	В	В	6	7	6	5	5	6	7		6	7			6	4
6 5	5 7	0		7	7	6	5					6	6	8	8	9	8	8	6
6 6	6 6	8	7 9	6	5	5		6	8 7	8 B	10	10	10	1 1	10	9	7	7	7
2 2	4 6	6	5	4	5	5	5	4	4	5	5	6	7	8	7	6	6	5	5
6 6	10 9	8	7	7	8	7	8	8	8	9	9	9	9	8	7	6	6	6	7
6 6	6 6	6		7			6												7
					á														
					7		10.70										4		6
					-		2										6		5
							7												6
		1					/	7											9
					5		4	4							3	3	3	4	6
6 5					4				8	9		7	7	7	6	7	7	8	6
4 3	3 4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2 2	2 1	2	2	2	2	2	2	2	3	4	3	4	5	7	7	6	5	3	3
5 5	6 6	6	6	6	6	6	6	5	6	6	6	6	7	8	7	7	6	6	6.0
	6 5 3 4 5 9 9 9 11 6 5 4 3 2 2 5 5	6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 5 5 5 5 6 6 6 6 6 9 9 10 10 7 7 10 10 7 7 10 10 7 10 10 7 10 10 7 10 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6 5 5 5 5 5 4 2 3 4 6 6 5 4 4 5 6 6 6 6 6 6 9 9 10 10 7 6 6 0 11 13 12 10 6 5 6 5 5 5 6 5 5 4 3 3 4 4 4 4 2 2 2 1 2 2 2 5 5 6 6 6 6	6 5 5 5 5 5 4 4 4 4 4 5 6 6 6 6 6 6 6 6	6 5 5 5 5 5 4 4 4 4 4 4 4 5 4 5 6 6 6 6	6 5 5 5 5 5 4 4 4 4 4 4 5 5 5 6 6 6 6 6	6 5 5 5 5 5 4 4 4 5 5 5 1 4 4 5 5 5 1 5 5 5 5	6 5 5 5 5 5 4 4 4 5 5 5 4 4 5 5 5 4 4 5 5 5 4 5 5 6 6 6 6	6 5 5 5 5 5 4 4 4 4 4 5 5 6 6 8 4 4 5 5 5 5 6 8 8 4 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 8 8 7 7 9 10 0 11 13 12 10 6 6 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 5 5 5 5 5 5 4 4 4 5 5 5 6 6 6 6 6 6 6	6 5 5 5 5 5 5 4 4 4 5 5 5 6 6 6 6 6 6 6	6 5 5 5 5 5 4 4 4 4 5 5 5 6 6 6 6 8 8 9 9 10 10 7 6 6 7 8 7 7 9 10 10 10 10 10 10 11 13 12 10 6 5 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 5 5 5 5 5 4 4 4 4 5 5 5 6 6 6 8 8 8 9 8 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7	6 5 5 5 5 5 5 4 4 4 4 4 5 5 5 6 6 6 8 8 8 8 9 8 7 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 5 5 5 5 5 4 4 4 4 5 5 5 6 6 6 6 8 8 8 8 6 6 4 5 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7 8 7 8 8 8 8	6 5 5 5 5 5 4 4 4 7 4 5 5 5 6 6 6 8 8 8 8 6 4 4 5 5 5 6 6 6 6 8 8 8 8 7 7 6 6 4 5 6 6 6 6 6 6 6 6 6 7 7 7 7 8 7 8 7 8 8 8 8	6 5 5 5 5 5 4 4 4 4 5 5 5 6 6 6 6 8 8 8 9 6 4 4 4 5 5 5 6 6 6 6 8 8 8 9 6 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

HOUR DAY	5T 1 2 5	ATION 2	3	NO a	3300	3	LAWRE	NCC O																		
		2	3					NCE / F	ENNED	Y SC	RBOR	DUGH				MON	TH .	AUG	77							
				4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	2	2	2	2	2	4	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	4	4	3	
2		4	4	4	4	5	5	5	6	7	8	8	6		7	7	7	7	7	10	11	q	8	8	7	
3	7	6	5	3	3	3	5	6	6	5	4	6	8	6	6	6	6	6	В	8	8	B	8	7		
4	5	4	4	4	3	4	6	7	7	7	7	6	5	5		8	B		8	9	10	g	9	2	7	
5	4	4	3	3	3	4	5	6	5	5	7	6	6	5	5	6	6	8	8	11	10	7	7	6	6	
6	6	4	4	4	3	4	4	5	5	5	5	5	6	5	6	7	7	6	5	6	8	9	B	8	6	
7	7	7	6	5	4	4	5	5	5	5	5	6	6	6	6	6	6	6	2	9	7	7	7	2	0	
EI .	7	7	5	a	4	5	5	5 5 6	7	В	8	7	8	8	7	7	7	8	9	6	7	6	5	,		
9	4	4	4	a	5	6	6	5	5	5	4	3	3	3	7	7	6	6		5			2	-		
10	4	4	7		1	4	4	4		5	5	6	6	6	6	6	6	6	5	6	4	4	5	5	5	
32020			-	4	-	-	4	*	4	5	5	6	6	0	6	6	ь	6	6	6	4	3	2	2	5	
1.7	2	2	2	2	2	3	4	5	6	7	5	5	5	5	6	6	6	6	6	5	5	5	5	5	6	
12	5	5	5	6	7	9	9	7	7	6	7	7	7	7	8	8	В	9	9	9	8	7	7		7	
13	8	8	7	8	8	9	9	9	7	7	6	5	6	5	5	5	5	5	6	7	6	6	6	6	,	
14	6	6	4	3	3	2	2	3	2	3 6 6	3	4	4	4	5	6	7	7	7	6	6	6	7	В	-	
15	10	11	11	11	11	12	11	8	6	6	6		8	В	В	9		á	ź	6	6	6	6	6	9	
16	6	6	6	6	6		7	7	6	6	5	5	5	4	4	4	9	4	3	4	4	4	5	5	9	
17	4	4	4	4	4	à	4	4	4	4	4	4	4	5	5	5		6	6		6	6	7	8	5	
18	9	10	10	10	11	11	1.1	12	9	8	6		5	6	6	6	6	6	6	6	6	8	9	10	5	
19	11	10	10	10	10		9	10	9	11	0	7	6	5		6	7	6	0	6					8	
20	10	9	9	В	8	8	я	9	7	5	- 5	5	ě	5	- 2	5	-	5	0	7	6	7	8	9	8	
• 0		3	3.					9		5	3	9	5	3	5	5	5	5	6	7	7	6	ь	6	7	
21	7	8	8	B 2	8 2	8	8	7	6	4	3	3	4	4	4	4	4	4	4	4	5	5	4	3	5	
22	3	3	2	2	2	4	5	5	4	4	3	4	4	4	4	6									4	
23												5.	DATA	INVAL	LID -											
		****												7	В	10	10	10	10	10	9	8	8	7		
25	6	6	5	5	5	4	5	5	5		4	4		7	6	5	5	6	8	8	В	8	8	8	6	
26	7	7	6	6	6	6	6	5	2	2	2	2	2		2	3	2	2	8	8	4	7	7	7	4	
27	7	6	5	5	4	3	4	4	4	5	4	5	4	4	4	3	4	4	5	7	8				5	
28												-	DATA	INVAL	ID -										-	
29 .																5	4	4	Δ	4	3	3	3	2		
30	3	2	2	3	2	2	3	3	4	3	3	2		1	2	2	2	2	3	3	2	2	2	ž	2	
		-	•		-	-	-		-	-		•			-	•		-	3	3	-	2	-	-	-	
31	4	3	2	2	2	2	2	2			1	2	2	2	2	2	3	3	3	5	6	6	7	7	3	
MEAN	6	6	5	5	5	5	6	6	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	5.6	

PERCENTAGE OF DATA VALID - 87.0 PERCENTAGE OF DATA INVALID - 13.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 1 2 3 4 5 6 7 8 9 10 ...2 2 11 12 13 14 15 16 17 18 19 33244 3 3 3 5 4 5 5 . 3 21 22 23 24 25 26 27 28 29 3 2 3 4 **** 33334 23333 30 3 3 3 3 3 3 3 3 3 4 3 3.1

PERCENTAGE OF DATA VALID - 99 0 PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT		NITRO	GEN DI	DXIDE	- CHEM	ILUMI	NESCE	NT				UNIT	s - o.	OT PA	RTS/M	ILL10	N						
	STA	TION -	C	NO .	33003	L	AWREN	CE/KE	NNEDY	SCAF	BORG	UGH				MON	тн - (DEC	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	3	3	3	3	3	3	3	3	3	3	4	4	3	3		3	4	4	4	3	3	3	3	3	3
2	2	2	2	2	2	2	2	3	3	3	3	3	****	3		3	4	4	4	4	4	4	4	4	3
3	3	3	2	2	2	2	2	3	3	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	3
4	3	3	3	3	3	3	2	3	3	3	3	3	3	3		4	5	4	5	4	4	4	5	4	4
5	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
6	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	3
7	3	3	3	3	3	3	3	4	4	4	4	4	4	4			4	5	5	4	5	5	5	5	4
8	5	6	6	7	7	6	5	6	5	6	5	5	3	2	3	3	3	3	2	2	2	2	2	2	4
9	2	2	2	3	3	3	3	3	3	3	3	3	3		4	5	5	4	4	4	4	5	4	5	3
10	5	4	4	5	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	6	5	6	5
11	6	6	7	6	5	5	5	5	5	5	5	5	5			5	6	6	7	6	5	6	7	7	6
12	5	6	5	5	4	4	4	5	4	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
13	5	4	4	4	4	3	4	4	4	4	4	4	****	4	4	4	4	4	4	4	4	4	4	4	4
14	5	4	4	4	4	4	4	4	4	4	4	4	4	4		4	4	4	4	4	4	3	3	3	4
15	3	3	3	3	2	3	3	3	3	3	4	4	4	4		4	4	4	4	4	4	4	4	4	4
16	3	3	3	3	3	3	3	3	3	3	3		3	3	3	4	4	4	4	4	4	4	4	4	3
17	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	1	1	,	1	1	1	1	1	1	2		2	2	1	1	1	1	1	1	2	2	2	1
19	1	7	1	4	*		1	9	2	2	2	2			2	2	2	2	2	1	1	2	2	2	2
20	2	2	2	2	1	2	2	2	2	2	2	2		2			2	3	4	4	4	4	4	4	3
21	4	4	4	4	3	3	4	4	4	4	4	4				4	5	4	4	4	4	4	4	4	4
22	3	3	2	2	2	2	2	3	2	2	2	2	3	3		3	3	3	3	3	3	3	3	3	3
23	3	3	2	2	2	3	3	3	3	3	3	4		4	4		3 5 5	5	4	4	4	4	4	4	4
24	5	5	4	4	4	4	4	4	4	4	4	5	5					5	4	5	4	3	4	5	4
25	4	4	3	2	2	2	2	2	2	3	3	3	3				3	3	3	3	3	3	3	3	3
25	3	2	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	3	3	4
29	4	4	3	3	3	3	4	4	4	4	4	4	****	4	5	5	4	5	4	4	4	4	4	4	4
30	5	5	4	5	5	4	4	4	4	4	4	4	****	5			4	4	4	4	4	5	5	4	4
31	5	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	4
MEAN	4	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - JAN 77 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 13 14 15 16 17 24 25 26 27 28 3 2 2 30

2 3

PERCENTAGE OF DATA VALID - 98.9

MEAN

2 2 2 2

2.3

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

2 3 3

NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- " INDICATES DATA IS UNAVAILABLE

2 2

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

2 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 77 HOUR DAY 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 2 3 12 13 14 15 16 19 20 3 3 2 2 2 22 23 24 25 2.3 MEAN

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - MAY 77 HOUR 7 8 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 MEAN DAY 12 13 14 15 16 17 3 2 3 2 4 5 3 1 22 23 24 25 26 27 28 1 2 30 MEAN 2.2

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 77 HOUR 6 7 9 10 11 12 13 14 16 17 3 4 5 6 7 8 9 2 2 3 2 2 12 13 14 15 16 17 18 19 20 3 2 1 2 1 2 1 2 22 23 24 25 26 27 28 2 2 2 2 30 MEAN

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITHOGEN DIDXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MONTH - JAN 77 STATION - C NO 34007 BATHURST/WILSON, NORTH YORK 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR DAY ...4 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 3

4 ****

4 4

4

4

4

PERCENTAGE OF DATA VALID - 97 2 PERCENTAGE OF DATA INVALID - 2-8

2

34 14 3 3

31

MEAN

4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

5 5 45 3

4

4.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

" - INDICATES DATA IS UNAVAILABLE

2 2

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

3 4 5 4 4 4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 77 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 1B 19 20 21 22 23 24 MEAN HOUR 6 10 11 12 13 14 15 16 17 18 19 20 25 26 27 28 3. 4 3 3 3: 4 4 4 4 4 4 3.5 3 3 3 ä MEAN

PERCENTAGE OF DATA VALID - 99 6 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- " INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAR 77 HOUR 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 1234567 24754236 346432357 465314477 9 11 12 13 14 15 16 17 18 19 20 24 16 8 3 23 16 7 3 14 3 4 4 10 15 10 5 7 14 8 4 6 6 13 6 4 7 12 4 4 7 14 7 3 12 19 13 5 8 2 6 5 6 16 14 8 6 12 3 9 6 15 8 5 15 3 7 4 7 15 9 4 12 3 2 7 3 8 15 15 9 5 11 3 4 5 6 7 18 13 6 15 3 5 4 19 15 8 11 3 6 3 14 2 15 8 9 2 10 2 10 2 6933975 13 10 5 12 7 4 8 5 15 5 4 11 13 13 3 8 3 8 21 22 23 24 25 26 27 28 29 30 9 10 6 2 2 3 9 14 11 14 10 7 5 2 2 3 8 11 4 4 2 2 8 13 11 9 2 3 1 8 4 2 1 1 5 4 2 1 11 3 4 2 2 2 9 12 11 12 3 3 3 10 10 11 12 13 4 3 2 3 2 11 13 4 4 2 2 2 11 12 9 10 9 3 5 2 3 2 10 12 9 8 4 3 2 2 5 10 10 9 11 7 3 3 3 3 11 13 3 2 3 10 11 10 12 4 13 10 9 13 11 8 6 31 - DATA INVALID -MEAN 6 6 5 4 4 5 6 6 7 7 7 8 8 7 7 7 6 7 7 6 6 6 6 6.2

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 8.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	P	OLLUTA	ANT -	NITR	OGEN	010X10	DE - CHE	EMILUI	MINES	CENT				UNIT	s - o	.01 P.	ARTS/	MILLI	ON						
	S	TATION	٧ -	C NO	3400	7	BATHL	JRST/	WILSO!	N. NO	RTH YO	DRK				MO	NTH -	APR	77						
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	••••	****					****								12	12		9120						
2	8	8	7	5	5	4	5	6	7	7	7			. 9				12	12	11	9	9	9	8	*****
3	8	5	2	1	1	1	1	1			-80	•	2		9		10	10	10	10	9	8	7	8	8
4	5	6	6	6	6	5	7	8	9	8		-	8	2	2		2		3	4	5	4	4	5	3
5	6	5	5	6	6	6	7	7	7	7	6	6		8	8		8		7	. 7	6	6	6	6	7
6	1	1	ĩ	1	ĭ	1	2	á		2	2		7	8	8		7	5	3	3	2	2	2	- 1	5
7	4	5	5	5	6	-	9	10	2			2	2	2	2		2	2	2	3	3	3	3	4	2
8	1	- 7	·	,	1	1	9		10	10	9	8	8	9	9	9	9	9	3 2 8	3	7	4	2	2	
ā	6	6	5			1	- 1	1	,	1	,	1	1		1	3	1	2	2	2	2	2	3	4	- 1
10	11	9	7	3	3	3	4	3	2	2	2	2	1	1	1	2	2	2	2	4	2	-	8	8	
10	11.6	9	7	7	9	9	10	9	8	8	8	9	9	9	9	9	10	10	11	11	11	12	12	12	10
11	11	10	9	9	9	9	10	10	11	12	13	14	16	9	8	7	10	12	1.1	15/8	25	27	92		
12	9	5	2	1	1	2	2	4	4	4	3	9	13	12		é	3	3		10	8	9	9	9	10
13	9	9	9	9	8	6	6	5	4	4	4	4	4	3	4	š	3	3	5	11	13	13	10	9	6
14	3	3	2	1	2	2	3	2	2	2	2		1	7	7		2		2	3	2		1	2	4
15	5	5	5	5	4	3	- 4	6	8	B	5	2	2	2	1			2	3		4	4	4	4	2
16	3	4	5	5	4	4	5	4	4	5	5	4	R	9	2	2	2	3	3	3	3	2	2	3	4
17	7	6	6	6	6		3	7	6	7	8	8	7		9	9	10	10	9	5	7	6	6	6	6
18	8	8	9	а	10	12	13	14	13	16				8	9	10	9	9	9	10	11	11	9	8	8
19	1.1	11	11	11	10	10	9	10		12	17	21	15	12	12	11	11	11	11	12	13	13	13	12	12
20									12		12	****													
=/.=							W. 100.00					9	7	7	7	7	8	8	8	8	7	7	6	6	*****
21	6	5	5	5	4	4	- 5	6	6	6	6	6	6	7	_		11	11					_	_	
22	7	6	6	5	5	5	5	6	6	7	6	6	6		3	2	3	4	10	9	9	9	9	7	7
23	3	3	4	4	4	3	2	3	4	4	4	4	4		4	5	4	4	3	2	2	3	3	3	5
24	2	2	2	1	1	1	1	- 1	1	3	3	7	4	4	4	4	4		4	4	4	4	2	3	4
25	2	2	1	1	1	1	2	3	3	3	3	4						3	3	3	2	2	2	3	3
26	5	5	5	5	5	5		6	6	6	5	5	5	5 6 6	5	5	5	5	5	5	5	5	5	5	4
27	6	6	5	ā	4	4	5	6	7	7	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6
28	3	2	,	- 1			2	2			,			6	6	6	7	8	8	8	8	7	7	6	6
29	3	3	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	2
30	5	2	4	4	4	3			3	2	1	1	1	1	2	2	2	2	2	2	3	5	5	5	2
17.7		-	4	4	4	5	5	5	6	8	8	8	7	7	7	8	8	8	В	8	7	7	7	6	6
MEAN	6	5	5	4	4	4	5	5	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	5.5

PERCENTAGE OF DATA VALID - 93.9

PERCENTAGE OF DATA INVALID - 5.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HCUR DAY 3 1 7 0 6 3 2 2 2 6 8 10 3 2 4 B 10 12 3 2 2 1 10 12 3 2 3 1 13 3 2 13 2 4 1 2 1 2 1 2 1 2 12 13 14 15 16 3 3 1 3 2 2 1 19 20 3 3 2 2 2 2 22 23 24 25 0 0 1 0 1 0 0 0 0 0 1 27 28 30 ò Q

PERCENTAGE OF DATA VALID - 99.9

MEAN

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	iTRO	GEN DI	OXID	E - CHEM	LUM	INESC	ENT				UNITS	s - o	.01 PA	RTS/N	AILLIC	N						
	STA	TION -	c	NO	34007)	BATHUR	ST/W	ILSON	. NOR	тн үс	RK				MON	NTH -	AUG	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	o	0	0	0	o	0	0	0	٥	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0		0	0	0	1	1	2	2	1	0	1	- 1	1	0
3	0	0	0	0 0 3 2	0	0	0	0	0	0	0	0	O	0	1	0	0	1	0	0 5 6	0	0	0	0	0
4	O	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	- 1	1	2	5	2	0	0	О	1
5	2	4	3 2	3	3	3	3	4	2	O	0	O	٥	0		2	2	4		6	7	7	6	2	3
6	1	1	2	2	2	1	2	2	1	1	1	1	1	1	1	1.	- 1	1	1	1	2	2	2	2	1
7	2	2	2	1	1	1	1	2	2	2	3	3	3	4	4	5	5	5	5	5	4	4	0	Ö	3
В	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	5	5	5	4	3	1	1	1
9	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0		****	6	4	4	****	3	5	5	2	2	2	3	3	4	4	2
11	4	4	4	3	3	0	0	0	0	0	0	0	0	****	****	••••	1000	****	****	****				••••	*****
12	1	1	1	1	1	2	6	2	2	1	1	1	3	5	3	3	4	4	4	4	4	4	4	5	3
13	5	5	5	5	6	6	6	7	7	5	6	6	5	6	7	6	6	6	6	6	6	5	5	5	6
14	5	4	4	3	2	2	1	1	1	1	1	- 1	1	1	1	1	1	1	1	2	2	2	2	2	2 2
15	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
17	2	2	2	2	2	2	2	2	1	1	0	0	0	1	1	1	2	2	2	3	3	2	3	1	2 2 5
18	1	1	0	0	0	1	1	2	1	1	1	1	1			2	2	2	2	3	3	3	3	3	2
19	3	3	3	0	3	3	4	6	7	8	9	9	9	9	9	9	8	4	3		2	2	2	2	5
20	2	2	2	1	1	1	2	2	2	1	1.	1	1	1	2	4	6	6	7	7	6	5	5	5	3
21	4	4	4	4	4	4	4	4	4	5	6	6	7	7	8				7	7	7	7	7	6	6
22	6	3	0	4	0	2	2	3	1	1	1	1	1	1	2	2	2	2	4	4	4	4	5	5	2
23	7	7	4	2	3	3	3	3	2	2	2	2	2	2		2	. 3	3	3	2	2	2	3	2	3
24 25 26	2	1	1	1		2	3	4	4	3	2	2	****	****		****	****				****			****	
25	-												DATA	INVA	LID -										
26	-	Ac.	-		~	160										13	15	15	1.1	11	11	1.1	11	10	*****
27	10	9	а	7	7	6	6	6	6	6	7	9	11	11	1.1	11			10	10	9	9	9	8	9
28	7	6	4	4	7	6	4	6	6 5	5	5	6	8	7	6	- 6	7	7	7	9	9	9	8	7	
29	7	9 6 6	6	5	5	5	5	5	5	4	****	4	4	3	3	3	3	3	2 6	2	2	2	2	3	
30	3	3	8 4 6 3	2		2	2	2	2	2	4	6	8	8	9	9	7	6	6	7	8	6	5	ن	٥
31	4	4	4	4	3	3	4	4	4	6	9	9	11	12	13	13	14	13	12	11	9	8	8	8	8
MEAN	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	3	3.1

PERCENTAGE OF DATA VALID - 90.6 PERCENTAGE OF DATA INVALID - 6.3

PERCENTAGE OF DATA UNAVAILABLE - 3.1

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 77 HOUR DAY 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 4 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 4 3 3 333222 3 3333424 3 29 30 MEAN 3 3

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN1	r - N	ITROG	EN DI	OXIDE	- CHEM	ILUMII	NESCE	ΝT			1	UNITS	- 0.0	1 PAR	RTS/MI	LLION	I.						
	STA	TION	. с	NO 3	4007	В	ATHUR	ST/WI	LSON,	NORT	H YOR	₹K				MONT	гн - о	EC	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8	3 2 3 4 1 2 4 3	3 2 2 3 3 1 2 4 3	3 2 1 3 3 1 1 5 3 4	3 2 1 3 3 1 1 5 3	3 2 1 2 3 1 1 5 3	3 2 1 2 3 1 2 5 3	3 2 1 2 3 2 2 5 2	3 2 3 3 2 4 2	4 2 2 2 3 3 2 4 2	4 3 2 2 3 3 2 4 2	4 3 2 2 3 3 2 6 3	4 3 2 1 3 2 2 6 3	2 2 3 2 2 4 3	3 2 2 3 2 4 3	3 2 2 3 3 2 4 3	3322333333	3 3 3 3 4 3 4 3	3 3 4 3 3 4 3 2	3 3 3 3 3 3 3 2	3 3 3 3 3 3 3 2	3 3 4 3 3 3 3 2	3 3 4 2 3 4 3	3 3 4 2 4 3 2 4 3	3 3 4 1 2 4 3 2 4	3 2 3 3 2 2 4 3
10 11 12 13 14 15 16 17 18 19 20	3 5 5 4 4 3 3 3 3 3 2 3	3 4 5 4 4 3 3 3 3 2 3	4 5 4 3 4 2 3 3 3 3 2 3	3 5 4 3 4 2 2 3 3 2 3	3 6 4 3 4 2 2 3 2 2 3	3 5 4 1 2 3 2 3 3	4 5 4 4 5 2 3 3 2 3 3	4 5 3 4 3 3 3 2 3 3	3 4 3 4 4 3 3 2 2 3 3	3 3 4 4 3 3 2 2 3 3	2 3 4 4 3 3 2 2 3 3	2 3 4 4 4 3 4 3 3 3 3 3	2 3 4 4 3 5 3 3 4	2 3 4 4 3 4 3 4 3 4 3	2 2 5 4 4 4 3 3 4 4	2 2 4 4 3 4 4 4 3 4 4	3 5 4 3 4 4 4 3 4 4	4 5 4 3 4 4 3 3 4 4	5 5 4 3 3 3 3 3 3	5 4 4 3 3 3 3 3 4	5 5 4 3 3 3 3 3 3	5 4 4 3 3 3 3 3 3 3 3 3 3	6 4 4 3 3 3 3 3 3 3 3	54333333333	4 4 3 3 3 3 3 3 3 3
21 22 23 24 25 26 27 28 29 30	3 2 3 4 4 2 3 3 3 4	3 2 3 4 4 2 3 3 3 4	3 2 2 4 3 1 3 3 4	3 2 2 4 2 1 2 3 4	3 2 2 4 1 1 2 3 2 4	3 2 3 4 1 1 2 3 3 4	3 2 3 1 2 2 3 3 4	2 2 3 3 1 2 2 3 3 4	3 2 3 4 1 2 3 3 4	3 2 3 4 1 2 3 3 4	3 2 3 4 1 2 3 3	3 2 4 4 1 2 3 3 3 4	3 2 4 4 1 2 2 3 3 4	3 2 4 4 1 2 2 3 4 5	4 1 3 2 3 4	3 4 4 1 3 2 3 4	3 4 4 1 3 3 4 4	3 4 4 2 3 3 4 4	3 4 4 2 3 3 3 4 4	3 4 4 3 4 3 4	3 4 4 3 4 3 4	3 4 3 3 4 3 4 4	2 3 4 3 3 3 4 5	23443333345	3 2 3 4 2 2 3 3 3 3 4
31	7	7	5	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	3	3	3	3	3	3	′3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3 , 1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 77 HOUR 6 7 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 5 1 2 3 4 5 6 7 8 9 2233333 2123342322 11 12 13 14 15 16 17 18 19 20 5 21 22 23 24 25 26 27 28 29 30 2434000000 3233310100 3354210000 133300000 344110000 33300000 ò

PERCENTAGE OF DATA VALID - 99.5

31

MEAN

0 0 0 0 0 0 0 0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

0

2.0

0 0 0 0 0 0 0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANI	- 1	VITRO	GEN DI	OXIDI	E - CHEM	LUMI	NES	CENT				UNITS	. 0.	01 PA	RTS/M	ILLIO	N						
	STA	TION -	¢	NO	35003	1	ELMCRE	ST RO	AD.	ETOBI	COKE					MON.	тн - і	FEB	77						
NUOH DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	0	0	0	0	0	1	1	1	2	1	2	1		1	1	1	2	3	4	4	3	2	2	2	1
2	3	3	3	3	1	1	3	4	4	3	2	1	2	1	1	1	1	1	2	3	2	2	2	2	2
3	2	3	3	3	2	2	3	3	3	2	2	2	1	2	1	1	2	2	2	3	2	2	2	2	2
4	3 2 2	2	2	2	2	2	2	2	3	3 2 3	2	1	1	2	2	2	2	2 3 2	2 4 2 2 5 2 6 6	3 5 2 2	4	3	3	2	2
5	1	- 5	7	7		7	1	-	1	1	1	1	1	1	- 7	1	1	2	2	2	1	2	2	2	1
6	,		2		- 2	- 0	ą.	7	- 0		- 19		•	4	- 4	4	1	2	2	5	2	- 7	1	2	
7	-	2	-	- 0		- 6	2	2	2		4		- 1	- 2	4	3	4	4	5	4	4	4	4	2	3
	2 4 2 5	3	2	2	3	2	3	3		ż			,	- 0	2	3	3	4 2 4	2	3	2	2	- 7	1	3
9	4		3			3	3		4 2	3 2 3	3	3	2	2		3	3	-	-	3 6	-	6	5	5	3
9	2	2	3	3	2	2	2	3	2	- 2		2	- 2	3	3	3	3	7	0	0	6	6		7	3
10	5	5	4	4	5	4	4	4	4	3	2	19	2	3	3	4	4	7	6	6	6	6	6	7	4
11	7	6	6	5	3	2	2	2	3	2	2	3	2	2	2	3	4	4	3	4	4	3	3	3	3
12	3	3	3	3	3	3	3	2	2	3	3	3	5	4	4	5	4	5	4	5	5	4	4	3	4
13	3	4	3	2	2	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	o	0	0	0	1	1	7	2	2	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2	1
15	2	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1	2	3 2 2	3 2	2	1	1	2	1
16	3	2	2	2	2	2	3	3	~	2	2	1	1	1	1	1	2	2	2	2	1	9	1	1	2
15 16 17	1		-		- 7		2	3	3	3	2	- 1			1		- 1	2	3	2	ā	ā	5	4	5
10	3	2		2	2	3	3	4	3 5	4	4		à	À	à	A	4	5	4	5	7	3	2	3	3
18 19 20	4		2	3	3	3	3	7	2	- 7	- 7	•	- 3	- 7	- 1	-	7	2	2	3	3	2	2	3	2
19	2	3 2	3	3	3	2	2	-	1		- 4		- 7	- 1	- 1			-	1	,	-	- 1	-	ĭ	-
20	2	2	1	- 1	(2)	2	2	2										160	4	- 25	6				•
21	1:	1	13:	1	1	1	2	2	1	1	1	1	1	0	1	1	****	2	4	2	2	2	2	2	1
22	1	2	2	2	1	2	2	3	.3	2	1	1		2	2	2	3	4	4	4	4	4	4	4	3
23	4	4	-	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3		2	2	2	2	2	3
24	2	2	2	2	3	2	3	3	3	4	4	4	4	5	5	5	5	5	5 2	2	3	3	1	1	3
24	2	2	2	-		-	4	7	- 3		4	- 7			7	- 1	2	2	2	2		·		•	-
24 25 26	-	3	~	-				2	- 1	- 1	- 4	- 2	D	- 6	- 4	- 6	-	2	2	4	à	3	3	à	à
26	-		1	1	1	- 1	,	ž	1		- 1		4	5					-	7	*	0		10	2
27	3	3	3	- 2	110	1	-	2	3	3 2	2	- 4					4	2		2	2	2	2	- 1	- 1
28	*	0	1	- 1	11	- 1		2	3	2	2	1	3.	287	3	,	2	2	1	2	3	2	2	-4	, i
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA VALID - 96.0

3 2 2 2 2

31

MEAN

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

3 3

3 3 3

5

2.6

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

3 3 3 5 6 6 5 5 3 3 4 3 3 4

3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

3 3

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT		NITRO	GEN DI	OXID	E - CHEM	LUMI	NES	CENT				UNITS	- 0.0	01 PAI	RTS/M	ILLIO	N						
	STA	TION -	C	NO	35003		ELMCRES	T RC	AD.	ETOBIO	COKE					MON	тн - ,	JUN	77						
HOUR	1	2	3	4	5	6	.7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	4	3	3	3	2	3	5	5	5	2	1	2	-1		1	10	10	1			124	2	2		2
2	1	1	1	1	1	1	5	2	1	- 7	1	1	i i		100		- 12	- 1		2			2	2 2	
3	2	2	2	1		- 4	2	2	- 2	- 4	0	ò		126		2		3	5		~	2			1
4	2	2	2	2	2	2	2	5	- 1	- 1	1	,	2	A.		3	5		5	3	3	3	3	2	2
5	4	3	1		- 7	1	7	-					4.		- 1		- 5	- 1	5	5	3	2	3	4	2
6			- 1		2	2	2	3	3	2		1	- 2	1	7		- 1	- 1		2	3	2	2	1	1
2	ò	4	o	ò	o o	1		3	3	2	2	-	3	1	1	1	1	1	1	1	1	1	1	1	1
7		0	0				2	1	1	3	1	0	1	1	1	1	1	1	1	1	3	2	2	1	1
9	2	1	2	1	2	2	2	2	1	0	0	0	1	0	0	1	1	1	1	2	3	3	4	4	2
	3	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	1	1	2	2	1	1	1	0	1	1	2	3	5	4	4	4	4	2	3	2	2
11	2	2	1	1	1	3	4	1	1	1	0	0	0	1	2	2	2	1	1	2	2	2	1	1	04
12	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	11		
13	1	1	1	1	1	19	2	2	4	3	3	3	3	3	1	2	3	3	ā	4	3	á	3	3	3
14	3	2	2	2	2	2	2	3	4	4	5	5	****	5	5	5	4	6	7	6	2	2	2		-
15	1	1	1	1	1	2	3	4	5	4	3	ž	2	ĭ	- 7	2	3	2	2	3		3	3	3	4
16	2	3	2	2	2		3	4	5	4	4	5	-	2		5	3	-	-	5	3	4	5		2
17	4	5	5	3	4	3	4	4	2	- 7	7	1	****			-	3	7	4	2	2	1.0		5	3
18	Ā	ă	0	3	3	3	3		2	-	-	4.			1	116	1	1	1	3	4	4	4	4	3
19	7	7	7	3	1	3	3		-		3	3	2	1	1	1	1	- 1	1	1	1	1	1	2	2
20	2	2	1	2		2	1	1	1	2		1	- 2	1	1	1	7	1	1	1	2	2	2	2	1
20	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	1	1	2	1	2	2	2	2
21	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2
22	3	1	1	1	2	2	2	2	1	1	1	1	1	1	1	4	1	- 1	7	2	~	5	5	3	2
23	2	2	2	2	2	2	2	4	5	4	2	- 1	1	1	3	3	4	3	3	3	3	3	3	2	5
24	2	2	2	1	1	2	2	4	5	4	4	5		4	6	Ä	7	6	3	2	•	2	5	5	3
25	4	5	5	2	4		2	2	2	1	1	1	2	2	2	2	- 4	ž	3	3	- 1				4
26	2	2	1	1	o	0	1	ō	ō	ò	ò	ń	Ţ,	ō	ó	•			3 2	3	4	2	2	2	2
27	3	3	2	2	2	2	2	0	5	5	5	0		·		1	1	1	2	4	4	4	3	3	1
28	5	5	4	3	3	3	3	-		3	2	-			2	2	2	2	2	3	4	4	4	5	3
20	4	2	4	3				7	3	7.5	3	4	3	T T T T T	2	2	2	4	4	5	5	3	2	3	3
29 30	2	2	1		1	2	2	1	- 1	1	1	1		1	2	2	2	2	1	1	1	1	2	2	2
30	2	2	2	3.	3	3	2	2	4	5	4	3		2	4	2	2	3	4	4	4	5	4	4	3
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	2.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION ELMCREST ROAD, ETOBICOKE STATION - C NO 35003 MONTH - SEP 77 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 2 2 2 2 13 14 15 16 17 18 19 20 22 23 24 25 29

2 2 2 2 2 2 2 2 2

PERCENTAGE OF DATA UNAVAILABLE - 1.1

1.9

PERCENTAGE OF DATA VALID + 97.6 PERCENTAGE OF DATA INVALID - 1.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

MEAN

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

2 2 2 2 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICONE MONTH - OCT 77 24 MEAN 4 5 6 7 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 0 2 13 14 15 16 17 4 3 1 0 3 2 3 4 1 3 5 4 3 23 24 25 26 27 28 MEAN 2.5

PERCENTAGE OF DATA VALID - 99 1 PERCENTAGE OF

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION · C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - JAN 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 MEAN 3.0

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTANT	- 1	NITRO	GEN D	TOXID	E-CHE	MILUM	INESCE	NT				UNITS	. 0.	01 PA	RTS/M	ILLIO	N						
	STA	ATION -	C	NO	35033		EVANS	/ARNO	LD AVE	. ET	овісо	ΚE				MON	TH -	FEB	77						
HOUR DAY	τ	2	3	4-	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	4	4	3	3	4	3	3	4	4	4	4	4	4	4	4	4	3
2	4	4	4	4	.3	3	4	4	4	4	3	3	4	4		3	3	- 3	3	4	4	4	4	3	4
3	4	4	44	3	3.	3	3	4	4	4	3	3	.4	4	4	3	4	4	4	3	4	4	3	4	4
4	4	3	3	-3	2	3	4	4	4	4	3	4	4	3	3	4	4	4	4	4	4	4	4	3	4
5	3	3	2	2	- 1	1	2	2		2	2	2	3	3	3	3		3	3	3	3	3	3	3	7
6	3	3	3	2	2	2	2	3	2	2	2	2	2		3	3	3	3	3	3	3	3	3	3	3
3	3	3	2	3 2	2	3	3	3	2 3 3	3	3	3	3	3	4	4	5	5	4	4	4	4	4	4	3 3 3
8	4	3	3	3	4	4	4	4	4	4	5	4	4	3		4	4	4	4			3	2	2	3
9	4					-		4		4				4	3	4	4			3	3	3			4
	3	3	3	3	3	3	3		4		3	3	3			4		5	5	5	5	5	5	5	-4
10	5	5	4	4	5	5	5	4	5	4	4	4	4	3	3	4	5	6	4	4	4	4	5	5	4
11	5	5	6	6	5	4	3	4	4	4	4	5	5	5											
12												-	DATA	INVA	LID -										
13		**** **	196				****								1	1	1	1	2	2	2	1	1	1	
14	1	0	0	0	0	0	2	2	3	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2
15	2	2	191		1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	3	3	3	3	2	2	****	3	3	3	3	2	3	3	3	2	3	
17	3	2	2	2	2	2	3	3	3	3	3	3	2			2	2	3	4	4	Δ	4	4	4	2
18	4	4	3	3	3	3	4	4	4	4	3	3		2	4	5	5	5	5		4	4	4	3	
19				3	3					3				3		3	3				100				7
	3	3	3			3	3	3	3		3	3	2					3	3		3	3	3	3	
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	2	2	2	2	2	3	3	3	3	3		4	4	4	4	4	4	4	4	4	4	3	4	
22	2	3	3	3	3	3	4	4	4	4	3	3	3	4	4	5	5	5	5	5	5	5	4	4	
23	5	5	-4	4	3	2	2	2	3	3	3	3	4	4	4	4	4	3	2	3	3	3	3	2	3
23	2	2	2	.3	3	2	4	4	4	4	5	5	5	5	5	4	4	4	5		4	3	3	2	
25	3	3	2	2	2	2	3	3	3	3	3	5	3	4			4	4	4	4	4	4	3	4	
26	4	3	2	2	2	5	3	4	4	4	3	3		4	4	5	5	5		5	7	3	3	2	ā
27	3	4	2	2	2	- 1	1	2	3	4	4	4	5	5		3	2	3	5 3	3			2	3	3
28	3	2	2	2	2	3	4	4	4	4	4	4	3	5 4	4	4	4	5	4	2	3	2	3	3	
28	3	2	2	32	2	3	4	4	4	:4	4	4	3	4	4	4	4	5	4	4	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	3	3	3	3.2

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 7.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 77 HOUR 6 7 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 4 3 6 . . . 3 4 4 6 5 11 3 4 5 4 5 6 9 4 7 6 5 6 6 6 4 4 4 13 14 15 16 17 18 19 20 5 2 22 23 24 25 26 27 28 MEAN 4.7

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MONTH - APR 77 EVANS/ARNOLD AVE. ETOBICORE STATION · C NO 35033 22 23 24 MEAN 8 9 10 11 12 13 14 15 16 17 6 7 HOUR DAY 12 6 5 5 6 8 7 B 11 8 6 6 3 4 9 9 12 13 14 15 16 17 18 19 20 11 9 8 8 12 8 8 10 9 8 B 9 6 6 5 1 1 7 4 6 4 22 23 24 25 26 27 28 29 30 9 4 4 5 .. MEAN

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - JUL 77

	314	TON		NO	35033		CVANS	ARNO	LD AV	E. ET	OBICC	ME				MON	· H	JUL	7.7						
HCUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	5	3	3	2	2	ì	2	2		1	1	1	2	2	2	i i	1	3	4	3	3	3	2	3	2
2	2	- 7		2	2	2	2	3	3	3	4	3	3	3	5	3	2	2	3	3	3		4	4	2
3	4	3	3	3	3		3	4	3	2	2	2	2	2	3	2	2		6	5	3	3	2	2	3
4	2	1	ĭ	2	4	5	6	6			4	4	4	4	4	4	4	4	5	5	5	4 3 6	6	6	4
5	7	5	à	3	5	3 5 5 5 2 2	5	6	6	6	6	6	5		4	4	4	3	4	6	5		3	2	
6	3	3	4	4	5	ž	5 5	5	4	3	3	2	3	3	3	3	3	2	2			4 4 2	2	2	5 3 3 3 2
7	3	2	,	1	2	2	3	3		3	3	2	2	3	4	4	4	4	4	2	2	2	4	4	3
é	3	3	2		2	2	2	2	3	3	3	3	4	3	4	4	4		4 3 2	4	4	4		4	3
9	4	3		2	3						3					4		3	3	4 2	6	4	4		3
			3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		2	2	2	2	2	3
10	2	2	2	2	-1	2	2	4	1	1	1	1	1	1	1	1	7.		3	3	4	5	5	5	2
1.1	5	5	5	5	5	4	5	5	4	4	5	6	7	5	5	6	6	5	9	10	8	5	4	3	5
12	3	4	5	4	5	7	5	6	6	6	5	6 5	5	5	5	6	6	4	4	3	4	6	7	5	5
13	6	5	3	3	5	5	6	6	7	7	6	6	6	6	6	6	6	6	6	10 3 6	6	5	5	5	6
	5	4	4	4	4		5	5	7	9	9	9	5		6	8	8	6	5	5	3	5 5 4	7	8	9
14 15 16 17 18	7	5	3		7	4 B 7	9	9	9	9	7	7	6	6	6	11	11	7	11	11		8	8	В	5 5 6 6 8 5 4
16	8	6	6	6	7	7	7	7	7	7	5	5	5	4	4	3	3	3	3	4	9	4	4	3	8
• 7	3	2	2	6 6 2		2	3	3	3	3	2	2	3	2	4		7	6	7	7	5		7	7	5
. 0	7	6	6	5	5	-	7 .		11	10	7	6		2		4	5	5			8	8			4
19	7	8		2	8	6 5 6	7				6	6	5	5	5				8	10	10	10	11	8	7
20	7	6	8	8 7		2	7	6	6	6				5	6	7	6	4	4	6	7	10	9	8	7
20	*	6	6	-	6	ь	,	9	10	9	8	7	5	6	7	7	8	8	9	9	7	7	5	6	7
21	5	3	2 2	2	3	6 2 3	7	6	6	5	5	4	4	4 3 2	4	4	4	4	3	3	3	3	3	2	4
22	2	2	2	2	2	2	3	4	3	3	3	3	4	3	3	4	4	3	3	3	3	3	3	3	3
23	3	3	3	2	2	3	3	3	3	3	2	2	3	2	2	2	2	3	3	2	2	2	2	3	3
24	3	2	2	2	2	1	3	2	2	1	2	2	3	5	5	2	3		4	5	4	3	3	4	3
25	2	1	1	1	2	5	5	5	4	5	5	5	5	4	4	4	4	4	4	4	4		4	4	4
23 24 25 26 27 28	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4 5 6 5	4 5 6	4	4
27	4	4	4	3 5	4	4	4	5	7	5		4	3	4	3	4	4	3	3	3	3	6	6	6	4
28	6	5	5	5	6	6	7	8	6	6	5	4	4	5	4	4	4	5	5	4	4	5	6	6	5
29	8	8	7	7	8	7	6	6	6		6	6	6	9	11	11	10	9	•	7	6	4	7	8	7
29 30	7	6	5	3	3	4	5	5	5	5	5	5	5	3	3	3	3	5	4 3 5 9 5	5	5	5	4	4	5
31	4	4	4	3	4	2	2	3	2	2	2	2	2	2	2	2	2		7	8	9	8	5	2	4
MEAN	5	4	4	3	4	4	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4.4

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTA	NT - 1	NITRO	GEN D	IOXID	E - CHE	MILUM	INESC	ENT				UNITS	. 0.0	01 PA	RTS/M	LLION							
	ST	ATION	. с	NO	35033		EVANS	/ARNO	LD AV	E. ET	овісо	KE				MON	TH - 1	UG	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3 5	3
2	3	3	3	3	3	3	4	4	5	5	4	5	5	5	4				5	4	2		4	4	7
3	8	7	6	7	6	5	6	7	8	7	6	В	8	7	6	Θ	5	6	8	5	5 8 7	8	7	6	,
4	4	5	4	3	5	7	8	7	7	7	7	5	5	5	6 5 5	4	4	5		5	4	8	4	6	0
5	5	4	2	2	4	6	6				4	5	5	5	5	4		4	4	6		5			5
6	4	3	1	1	1	3	3	3	4	4	4	4	4	4	3	3	2	3	3	4	4	4	4	3	3
7	3	3	3	3	3	3	3	3	2	1	1	1	1	1	3 2 6		2 2 6	3 3 5	3	3	3	4	6	6	3
8	5	5	4	3	4	4	5	5	4	5		6	6	7	6	5		5	5	6	7	5	5	5	5
9	5	3	4	3	3	3	4	4	6	7	4	3	4	4	4	4	3	3	3	2	2	2	2	2	4
10	2	2	2	2	4	4	3	3			5	5	4	4	5	5	5	6	7	6	7	6	5	3	4
						.1	2	-	. 4	4	4	5	5	6	6	7	6	6	6	5	5	5	4	4	5
1.1	2	3	3	3	4	4	5	5 5	4	4	- 7	3	4	4	2	É	5	5	5	6	6	6	4	4	4
12	4	3	3	3	3	3	4		75.	4	4	3	2	2	5 2	2	2	2	2	2	3	4	4	4	4
13	5	4	4	4	3	5	7	6	5	6	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4
14	3	2	2	2	2	2	5	-		4	4	4	-				8	8			9	9	9	-	
15	3	3	3	3	3	4	4	5	4			• • • • •	8	9	10	1.1			11	10			7	7	,
16	8	8	8	8	8	8	9	9	9		7	8	8		8	9	8	7	10	10	10	9	5	5	8
17	7	6	7	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8		8	8	8
18	5	4	4	5	5	5	6	6	6	7	7	В	8	8	8	8	8	8	8	8	8	В			,
1.9	7	7	6	7	8	1.1		15	13	9	9	9	9	10	12	11	10	9	9	9	10	9	8	6	9
20	6	7	7	7	7	7	8	7	7	7	6	4	4	4	4	5	6	5	7	7	8	9	9	8	7
21	8	7	8	8	6	7	5	5	8	7	6	6	6	6	9	10	6	5	6	7	6	7	5	5	7
22	8	10	9	8	7						8	8	8	8	8	В	8	В	8	8	8	9	9	9	8
23	7	7	4	6	10	10	9	Q	В	В	9	8	9	9	8	10	8	8	9	9	9	9	7	6	8
24	6	6	5	7	7	8	8		9	9	8	8	9	8	8	8	8	9	9	9	9	8	7	7	8
25	6	6	0	6	6	7	7	8	7	14		11	7	10	9	11	12	13	10	1 7	12	11	11	10	9
25	12	13	. 6	12	15	11		8	8	10	9	14	14	10	10	11	9	8	8	1.1	13	19	18	10	12
26	12	13	12		10	12	13	15	11	12	9	7	6	9	11	9	13	12	8	8	9	6	5	4	9
27			10	11		12	13	13		1.2		- 5		4		5	4	В	10	8	9	7	6	7	*****
28	6	6		-			8																		
29	11	10	1.1	8	9	10							-	7	7	7	7	7	9	6	4	5	8	7	
30		••••	• • • •				••••						,				i.		,	U	-	,			
31	3	6	6	6	6	6	6	9	10	. 7	8	7	9	7	6	7	7	7	10	10	11	13	12	8	8
MEAN	6	5	5	5	6	6	6	7	7	7	6	6	6	6	6	7	6	6	7	7	7	7	6	6	6.2

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 6.6

PERCENTAGE OF DATA UNAVAILABLE - 0.9

- 2. .- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- N	ITRO	DGEN DI	OXID	E-CHEM	ILUMIN	VESCE	ų T				UNITS	- 0.	O1 PAR	RTS/MI	LLION	4						
	STA	TION -	c	NO	35033		EVANS/	ARNOLI	AVE	. ETC	вісо	ΚE				MON	TH - N	VOV	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7	3 3 4 4 4	2 4 2 4 3 4	2524342	2 4 2 4 2 3 2	5 2 3	4 3 5 3 3	3 3 4 3 3	3 4 3 4 3 3	4 3 4 3 3 3 3 3 3	3 3 3 4 2 3	3 3 3 3 3	4 3 3 3 3 3	4 3 3 3 3 3	4 3 3 3 3	4 4 4 2 4 3	4 5 4 	4 5 6 5 4 4 3	5 5 6 4 4 3 4	6 4 5 4 3 4 3 4 3	5 3 4 4 3 4 3	3 4 5 4 3 2	4 5 4 3 2 3	6 4 4 4 3	5 4 4 4 3	4 4 4 3 3
8 9 10	1 3 3	1 3 3	1 3 3	1 2 3	1 2	2 2 3	2 2 3	2 3 3	3	3	3 2 5	2 5	3 2 4	3 3 4	4 3 3	3 4 4 3	3 4 4 3	3	1.000	3 3	3	3	3 3 3	3 3 2	3 3
11 12 13 14 15 16 17 18 19	2 3 3 3 2 3 3 2 4	2 3 3 4 2 3 2 2 4	2 2 3 3 4 1 3 2 2 4	1 2 3 4 2 3 2 2 3	2 1	2 2 1 4 3 2 3 2 2 1	2 2 4 3 3 3 2 3 1	2 3 2 5 4 3 4 2 3	2325534232	2 3 2 4 5 3 4 2 3 1	2 3 3 4 3 3 2 3 1	2 3 3 4 3 3 2 3	2 3 3 4 4 4 2 3	3 3 4 3 2 3	2 3 4 4 4 3 2 3	3 4 4 4 4 4 2 3	3 4 4 3 4 3 1	3 4 4 4 4 3 4	3 4 5 4 4 3 4	3 4 4 3 3 3 2 3 2	33444333242	3 3 4 4 3 3 3 2 4 3	3 4 4 3 3 3 2 4 3	3 3 3 3 3 3 2 4	2 3 4 4 3 3 2 3
21 22 23 24 25 26 27 28 29 30	2 2 2 3 2 3 3 3	2 2 3 2 3 2 3 2 3 2	2 2 3 2 3 2 2 2 3 5	2 2 3 2 3 2 2 3 3 3 5	2 2 3 2 1 3 3 3	3 2 2 2 2 1 1 3 3	2 1 2 4	3 2 2 2 2 4 4 4	3 3 2 2 3 4 4	3 2 2 3 2 2 4 4 3	3 2 2 3 2 2 3 4	3 3 2 3 2 2 3 4 3	3 3 3 3 3 3 3 3 3 4 3	3 3 2 2 2 2 2 3 4 2	3 3 3 3 3 2 3 4 2	3 3 3 2 2 2	3 3 3 3 3 3 4 2	3 4 3 3 3 3 2 3 4 3	3 3 3 2 2 3 3 2	3 4 3 3 3 2 2 3 3 2	3 4 2 3 3 2 2 3 3 2	2423322332	2423322332	2 4 2 3 3 2 2 3 3 2	3 3 2 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MEAN	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTAN	i e t	NITRO	GEN D	10x10	E - CHE	MILUM)	INESCE	NT			.0	UNITS	- 0.0)1 PAF	RTS/MI	LLION							
	ST	ATION	. с	NO	35033		EVANS	/ARNOI	LO AVE	. ET	овісо	KE				MONT	rH - C	EC	77						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	
1 2 3 4 5	2 1 3 3 4	2 1 3 2 3	2 1 2 2 3	2 2 2 3 1	2 1 1 2 2	2 2 2	2 2 2 2 3	2 2 3 2 3	2 2 3 2 3	3 2 3 2 3 3	3 2 3 3 3	2 2 3 3	2 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3 4	3 3 4 3 4	3 4 4 2 3	2 3 4 2 3 4	3 3 4 ••••	1 3 3 4 	1 2 3 5 	1 2 3 5 2 3 4	1 2 3 4 2 3	2 2 3 3 3 4
7 8 9	3 4 2 3	2 4 2 4	2 5 2 3	2 4 2 3	3 5 2 3	3 4 2 4	4 5 2 4	4 6 2 5	4 9 2 4	3 9 2 3	11 2 3	4 2 3	4 4 2 3	3 5 2 3	4 2 4	3 2 4	3 4	2 3 4	2 3 4	2 3 5	2 3 5	2 3 4	2 2 4	3	4 2 4
11 12 13 14 15 16 17 18 19	4 6 3 2 3 2 2 2 1 2	3 2 2 1	4 5 3 2 2 2 2 1 2	4 5 3 2 2 2 2 2	2	4 5 3 3 2 1 2 1	3 3 3 1	5 6 3 5 4 3 2 2 2 2	5 3 6 4 3 1 2 2 3	4 3 6 4 3 1 2 2 2	4 4 **** 7 4 3 1 2 2 2	4 4 3 7 **** 3 1 2 2 2	3	4 4 3 5 4 3 2 2 3 2	4 4 3 5 4 3 2 2 3 2	4 4 4 2 2 3 2	4 4 3 3 3 2 2 3 3	5433332223	5 4 3 3 3 3 2 2 2 4	6 4 3 3 3 3 2 2 2 3	5 4 3 3 3 1 2 2 3	6 3 3 3 3 1 2 2 2	6 4 3 2 3 2 2 1 2 2	6 3 2 3 2 2 1 2 2	5 4 3 4 3 3 2 2 2 2 2
21 22 23 24 25 26 27 28 29 30	2 2 2 3 2 2 2 2 3 2 2 3	2 2 3 2 2 2 2 3 2	3 2 2 3 2 2 2 2 3 2 2 3 2 3 2 3 2 3 2 3	2 2 2 3 1 2 2 3 2 3 2 3 3	2 3 1 2 2 3	2 2 3 1 1 2 3 3	2 3 1 1 2 2 3 3	3 1 1 3 3 3	3 3 3 1 1 3 3 3	3 2 3 3 2 1 2 3 3 3 3	3 3 3 2 1 2 2 2 4	2 3 4 2 1 3 2 3	2 3 4 3 1 2 2 3	3 2 2 3 3 1 3 2 3 5	3 3 2 3 3 1 3 2 3 5	3 3 3 2 2 3 2 3 4	3333223335	3 2 3 3 2 2 3 2 3 5 5	3 2 3 2 2 2 4 2 3 4	3 2 2 4 2	3 2 3 3 2	2 3 1 2 3 2 3	2 3 3 1 2 3 2 3 4	2 2 3 2 1 2 3 2 3 3	3 2 3 3 2 2 3 4
31	3	3	3	3	3	3	3	2	3	3	3	4	4	4	4	4	4	4	4	4			4	3	3
MEAN	3	3	2	2	2	9	2 3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.OI PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 77 HOUR 3 4 5 6 7 8 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 MEAN 15 3 4 3 23362 2346224244 33362 12 13 14 15 245323222 16 17 18 2 2 3 3 19 3 21 22 23 24 25 26 22543 3 3 27 28 1 2 29 30 1

PERCENTAGE OF DATA VALID - 92.6

2

2

31

MEAN

2

PERCENTAGE OF DATA INVALID - 5.2

2 2 2 2 3 3 2 2 2 2 2 2

PERCENTAGE OF DATA UNAVAILABLE - 2.2

3 3 3 3

1

3 3

1

3 3

2

2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2

2. -- INDICATES DATA IS UNAVAILABLE

2

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN DIDXIDE-CHEMILUMINESCENT MONTH - FEB 77 STATION - C NO 44010 1298 REBECCA ST OAKVILLE 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 3 4 5 10 11 12 13 14 15 16 17 3412234421 33342 19 21 22 23 24 25 26 27 28 3 0 2 341323 0 3 3 2.3 2 2 2 3 3 3 2 2 3 2 2 2 2 2 2 MEAN 3 2 2 2 2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "..." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAY 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 4 DAY 2 2 1 2 12 13 14 15 16 17 4 2 2 2 2 4 2 22 23 24 25 26 27 28 2 1 2 3 2 1 30 MEAN 2.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - 1	VITRO	GEN DI	OXIDE -	HEM	ILUMINI	ESCE	NT			9	UNITS	- 0.	01 PAF	RTS/MI	LLIO	N						
	STA	TION	- (NO.	44010	129	8 R	EBECCA	ST	DAK	ILLE					MONT	гн	JUN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	15	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1.	3	2	2	2	1	1	1	1	1	7	11	~1	4	1	j	,	2	2	2	2	2	2	2	2	2
2	1	1	2	1	- 1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	5	7
3	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	Ť	1	1	3	3	3	3	3	,
-4	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2	2	3	3	3	4	4	2
5	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	ī	3	4	3	2	27	2
5	1		1	1	1	2	2	1	1	3	2	2	1	1	1	1	1	1	4	1	1	1	- 7	- 4	-
7	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	•	4	- 2
8	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	5	2	3	3	4	2	2
9	3	2	1	1	2	3	3	1	1	1	1	1	1	1	- 1	1	1	1	- 7	7	- 7	1		1	1
10	1	1	1	Ĭ	1	2	2	2	1	2 •	***	2	2	1	1	1	1	i	1	3	6	6	4	3	2
1.1	3	3	3	2	2	2	1	1	1	1	1	4	1	1	1	1	4	1	2	5	5	3	2	-1	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	4	3	3	3	2	2
13	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	- 7	1	2	3	4	ā	2
1-4	4	4	3	2	2	3	4	2	2	1	1	1	1	1	1	1	1	1	1	2	5	6	4	2	2
15	2	1	1	2	3	3	4	4	3	2	2	2	1	1	1	1	1	1	1	2	5	5	3	4	2
16	4	3	2	3	4	4	4	4	2	2	1	1	1	1	- 13	i	- 1	1		2	4	5	. 7	-	2
17	6	2	1	1	2	2	4	3	3	2	1 .		2	1	- 4	1	- 1	1	2	4	5	5	4	4	3
18	4	3	3	2	2	1	2	1	1	1	2	1	2	1	2	2	2	2	- 7	2	-	,	7	- 7	3
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	ī		2	3	3	3	2	-
20	2	2	3	2	2	2	3	3	2	3 •	•••	2	2	1	1	1	9	í	1	ī	1	1	1	1	2
21	1	1	1	1	1	1	2 2	1	1	1	1	1	*	1	1	1	4	1	1	2	3	2	2	2	1
22	1	1	1	1	1	2		2	2	1	2	2	2	1	1	1	1	1	1	1	3	5	5	5	2
23	4	3	3	2	2	2	2	2	2	2	2	2	- 1	1	1	1	1	0	0	1	2	3	3	3	5
2.4	2	2	2	2	3	3	3	3	2	2 .		2	1	1	1	1	2	2	2	3	5	3 5 4	4	4	2
25 26	2	2	1	-1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1	3	5	4	4	3	2
26	2	2	2	1	1	1	1	0	1	1	1	1	1		1	1	1	1	2	1	2	3	3	3	1
27	3	3	3	3	2	2	3	3	3	3	3	2	1	1	2	2		1	- 7	i	2	3	4	4	2
28	5	5	2	1	2	4	3	2	1	1 .			2	2	1	1	2	2	1	- 1	1	,	1	2	2
29	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1			1	•	•
30	1	1	1	11	2	2	2	2	3	3	2	2	1	1	2	2	2	2	1	2	2	•	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID . D.B

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION . C NO 44010 1298 REBECCA ST OAKVILLE MONTH - SEP 77 HOUR DAY 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 5 1 2 3 4 5 6 7 8 9 0 5 2 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 MEAN 2 1 1 1 2 2 1.5

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	DLLUTAN	Τ.	NITR	OGEN :	DIOXI	DE - CH	EMILUN	MINESC	ENT				UNITS	- O.	01 PA	RTS/M	ILLIO	N						
	51	TATION	•	C NO	4401	0	1298	REBEC	CCA ST	OAK	VILLE					MON	TH - (OCT	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	1	Ť	1	1	1	1	1	2	,	2	2	3	3	3		21					
2	1	1	1	1	1	1	1	1	- 1	1	1	ī	1	1		3	•	2	2	3	3	2	2	1	2
3	2	- 1	-1	1	1	1	2	2	2	1	1	1	ó	ò	ò	ó				2	2	- 2	2	2	1
4	1	1	0	0	0	31	1	2	2	1	1	- 1	1	1	7	4		2	1	1	1	1	1	1	1
5	3 2 2 0	3	2	2	2	2	3	3		4	3	3	2		2	2	3	4	2	3	3	3	3	3	1
6	2	2	3	3	2	2	3	3	3 2		7	1	ō		1	-	1	2	3	4	3	3	3	3	3
7	2	2	1	1	1	1	2	2	2	2	•	'n	ő	ő	Ó	0		0	2	2	1	1	2	2	2
В	0	0	0	0	0	o	1	1	ő	ō	á	0	Ÿ	·	0	0	0	O	0	0	D	0	0	0	1
9	1	1	1	1	1	1	1	4	ř	1	ĕ		- 1		1	3		1	- 1	1	1	1	1	1	1
10	1	1	0	0	Ď	- 4	1	1		-		- 1		2	- 1	9	- 1	1	1	1	1	1	1	1	1
				-	-		,					- 1	1	1	-1.	1	2	1	4	4	4	4	4	3	2
11	3	3	3	2	2	2	2	2	2	2	2			2	-										
12		250		-				~	2	-		2	!		_ 2	3	1	2	2	2	2	2	2	****	2
13														INVALI											
14		**** *							2236			Acres de la constante de la co	DATA	INVALI	D -										
15	3	3	4	4	2	2	-					***	4	4	1	1	2	4	4	4	4	4	3	3	*****
16	1	ř	7	7	3	3	3	3	3	4	4	4	3	3	3	3	3	7	7	4	4	4	3	2	4
17	ó	ò	ò	0	ò	1	- 30	1	- 1	1	1	- 1	1	1	1	1	1	- 1	1	1	1	1	1	1	1
18	3	3	4	4		1	1	2	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	i
19	2	2	2	2	3	3	3	3	2	3			2	2	2	2	2	3	4	3	3	3	3	3	à
20	2	2		2	2	2	3	3	4	4	6	7	6	7	6	5	4	4	4	4	3	3	3	3	4
20	2	2	2	1	2	2	3	3	2	2	2	2	2	2	2	2	3	3	4	3	3	2	2	1	2
21	1	0	0	0	0	0	1	1	2	2	2	****		2	2	2	2	2	3	6			-		
22	2	2	2	2	2	2	2	2	2	2	2	2	19	1	Ť	5	5	á	3	2	5	4	4	3	2
23	2	2 2 3 2 3	2	2 2 2	2	2	2	1	1	1	1	- 1	- 4	4	40	-	•	-	•	2	- 1	2	2	2	2
24	3	3	2	2	2	2	2	2	2	3	13		2	2	2	2	2	2	1	1		1	1	3	1
25 25	2	2	2	2	2	2	2	3	3	4	5		5	5	4	4	4	5	3	3	3	3 5 3 3	3	2	2
25	4	3	3	3	3	3	3	4	4	4	4	3	ă	5	4	2	3	3	5	6	5	5	3	4	4
27	3	3	3	3 2 2	3	3	3	3	3	4	7	3	7	4	4	2	5	4	3	3 5	4	3	3	3	3
28	3	3	3	2	2	2	3	3	3	3	7	4	5	4	4	5			4		4	3	2	2	3
29	2	2	2	2	2	3	3	3	3	2	2		2	4	4	4	3	3	4	4	4	3	3	3	3
30	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	2	3	3	3	3	3	3	2
1176.30		-		1257			-		2	-	-	2	,		3	3	7	1	1	1	1	1	1	1	2
31	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	3	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2.1
																									10000

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 8.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. *-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JAN HOUR 24 MEAN 2 2 2 6 4 6 4 5 4 2 2 2 12 13 14 15 16 17 18 19 2 2 2 4 22 23 24 25 26 27 28 29 30 А DATA DATA DATA UNAVAILABLE UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE DATA UNAVALLABLE DATA UNAVAILABLE - DATA UNAVAILABLE -MEAN 2.6

PERCENTAGE OF DATA VALUE - 64.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 34.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA R 24 MEAN HOUR DATA 1 2 3 4 5 6 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE DATA UNAVAILABLE 12 13 14 15 16 4 4 2 2 4 2 2 3 2 6 5 2 24 25 2.4

PERCENTAGE OF DATA VALID - 59.1 PERCENTAGE OF DATA INVALID - 3.4
NOTES 1. """ INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA UNAVAILABLE - 37.5

POLLUTANT - NITROGEN DIGXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAR 77 HOUR DAY 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 222 2222323466 225312363 10 11 12 13 14 15 16 17 18 **** **** **** 91023322233 84333141 3 3 2 3 3 83331 5 3 3 3 2 1 3 2 19 4 2 4 3 21 22 23 24 25 26 27 28 2 1 2 1 1 2 1 1 2 1 21311 4142235 0 1 2 1 0 1 2 1 31 2 1 1 1 2 1 1 1 . 3 1 1 ŧ 1

PERCENTAGE OF DATA VALID - 97.2

MEAN

3

PERCENTAGE OF DATA INVALID - 2.8

2

2 2 2

2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

3 3

3

2.4

3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - APR 77 STATION - SE NO 51001 16 17 18 19 20 21 22 23 24 MEAN 7 8 9 10 11 12 13 14 15 3 5 6 HOUR 1 2 1 2 1 9 3 2 3 2 3 ** 11 12 13 14 15 16 17 18 19 20 1 3 1 3 0 o 8 3 4 2 2 2 3 3 2 2 2 2 3 21 22 23 24 25 26 27 28 29 30 1 2 1 20 3200123 3 0 00133 1 0 1 4 0 2 2 1 2 3 3 3 3 2.1 2 2

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUL 77 HOUR DAY 9 10 11 12 16 17 19 20 21 22 23 24 MEAN 9 10 12 13 14 15 16 17 22 23 24 25 26 MEAN 1.8 PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA UNAVAILABLE - 1.7

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - AUG 77 HOUR DAY 9 10 1 1 20 21 22 23 24 MEAN 2 2 6 4 7 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 2 2 2 1 DATA INVALID -2 2 3 **** DATA INVALID 24 25 26 27 1 4 2 2 MEAN 1.7

PERCENTAGE OF DATA VALID - 82.4 PERCENTAGE OF DATA INVALID - 17,1

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. *- INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA UNAVAILABLE - 0.5

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION -	SE	NO 5	1001	-	MCDONAI	D GD	RIC	EAU/	WURTE	MBURG	ST.O	TTAWA	r.	MON	TH -	NOV	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	5	5	4	4	4	4	4	4	5	5	3	2	3	3	3	4	6	7	В	G	6	5	5	4	5
2	4	4	3	3	3	3	4	4	6	6	4	3	4	3	3	4	5	6	6	5	4	4	4	Δ	4
3	4	3	3	3 2	3 2	3	3	4	5 6 4	6	3	3	2	3 3 1 2 2	3	5	6 5 6 2 3	5	4	4	4	4	4	4	4
4	4	3	3	3	2	2	3	3	4	3	3	2	1	1	2	2	2	5 2	2	2	1	1	1	2	2
5	2	2	2	2	2	3	3	2	- 7	1	1	1	2	2	2	3	3	4	4	3	2		2	5	2
6	2	2	2	2	5	1	1	•	-	2	2	2	2	2	2	2	3	3	3	2	3	2	3	2	ā
7	2	2	3	1	1	1	1	2	2	2	2	2	2	2	2	2	ž	2	2	2		1	1	-	5
Ř	7	1	Ť	- ii	i i	1	Ý.		2	2	2	3	2	2						3	3	2		2	2
ă	'n	2		,	- 4	1	2	4	3	3		2	2	2	2	3	3	3	3	3	3	3 3 2	3	3	2
10	2	ริ	3	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	2	2	3	3	2	2	3
10	3	3	3	-	•	-	•	3	3	3	-	3	-	3	3	3	1790		2	2	3	2	2	2	3
11	7	2	2	1	1	4	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
12	2	2	ī	1	1	1	1	1	1	1	1	1	1	1	- 9	1	1	1	ĩ	1	7	- 7	7	-	7
13	1	1	1	1	1	1	1	1	1	1	1	1	1	11	1	1	1	i i	i	•	1	1	1	9	- 1
14	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2
15	2	2	3	2	3	3	3	3	3	3	2	2	3	3	2	3	3		4	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	4	5	5	5	4		4	6	5	5		5	4	4	3	3	4
17	4	3	2	2	2	3	3	4	4	3	2	1	•	2	2	3	5		5	4	4	4	4	3	3
18	2	2	2	1	2	2	2	3	3	3	2	2		2	2	2	3		2	2	2	2	2	2	3
19	2	2	î		•	- 7	1	1	•	ĩ	î	1	,	- 1	1	-	2	2	2	2	-	2	7		
20	2	2	2	2	2	- 1	i i		200	100	- 3	- 1	4	2	2	2	2	2	- 1		1	2	2	i	2
20	2	2	4	2	2		70			3.50	19	1	- 2	2	2	2	-	2	7.	. 8	1	2	2		2
21	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	1.	2
22	1	1	1	1	1	1	2 2 3	2	2	1	1	- 1	1	1	2 2	2	2	3	2	2	2	3	3	3	2
23	3	3	3	2	2	2	2	2 2 3	2	2	2		1	2	2	2	2	2	2	2	2	2	3	3	2
24	2	2	2	2	2	3	3	3	2	2	2	2	1	1	2	3	3	3	3	3	2	2	2	2	2
25	1	1	1	1	1	1	2 2	2	1	1	•	2	1	1	2	2	3	2	2	2	2	2	2	2	2
25 26 27 28 29	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 1	1	2	2	3	4	à		3	2	,
28	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2		2	1		3	2	3	1
29	3	2	3	2	3	3	3	4	4	3	3	2	3	3	3	2	4	3	3	2	2	2	2	2	3
30	1	1	1	1	1	1	1	2	2	1	1	- 7	1	1	1	2	2	1	7	5	2	2	2	1	1
1,000		*		. 6	1,00	,		-	-	3.0	85				7	_			3	-	~	2	-		10
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	SEN DI	OXIDE	- CHEM	ILUMIN	ESCE	NT				UNITS	- 0.	D1 PAI	RTS/M	LLIO	N						
	STA	T10N -	SE	NO !	51001		CDONA	LD GDN	RIC	EAU/	WURT	EMBUR	5 5 T , C	AWATTO		MONT	TH - [DEC	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	1	1	1	7	1	1	1	1	1	1	1	1	1		2	3	2	2	2	2	2	2	2	2	1
2		1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1
3	1	- 1	1	1	1	1	1	1	1	1	3.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	1	1	1	1	1	1	1	1	- 3	1	1	1	1	1	1	1	0	0	0	D	1
6	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	O
7	0	0	O	0	0	0	1	1	1	1	0	O	٥	0	0	1	1	1	D	O	0	0	1	1	0
В	1	1	1	1	1	1	1	1	1	- 1	1	1	0	0	0	1	2	1	1	2	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	1	1	1	0
11	O	0	0	0	0	С	0	0	0	0	O	0	o	0	0	0	0	0	0	1	1	1	1	1	0
12	1	1	1	1	1	1	2	2	2	2		1	- 1	1	1	- 1	1	1	1	1	1	1	1	1	1
13	0	0	0	1	1	0	0	0	0	0					0	1	1	1	1	1	1	1	1	0	1
14	0	0	1	1	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1.	1	1	- 1	2	2	1
15	1	0	0	0	D	O	0	1	1	1	1	O	1	1	1	1	1	1	1	19	1	2	2	1	1
1 6	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	2	2	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1.	1	11
19	0	0	0	0	1	1	1	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
20	-1	3	1	1	2	1	1	2	2	2	1		****	1	1	3	3	3	2	2	2	2	2	2	2
21	2	1	1	7	1	1	1	2	2	2	1	2	2	2	1	2	1	2	2	2	3	3	4	4	2
22	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	э	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	3	3	3	3	3
25	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	ī	1	2
26	-1	1	1	1	1	1	7	1	1	1	1	1	1	2	1	2	2	3	2	2	2	2	2	2	- 4
27	1	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	3	3	4	4	4	4	5	4	2
28	4	3	3	3	3	3	3	4	4	4	3	3	****		3	3	3	4	4	4	5	5	4	5	4
29	4	4	4	4	4	4	4	5	4	5	3	3	3	3	3	3	3	6	7	6	5	4	4	5	4
30	5	5	4	4	4	3	4	4	4	4	4	4	3	3	3	3	2	2	2	3	2	3	3	3	3
31	3	2	2	2	2	2	2	*	1	1	1	o	2	2	2	2	3	3	4	3	3	3	3	3	2
MEAN	1.	1.:	1	1	1	1	1	2	1	1	1	1	1	- 1	1	2	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- N	ITRO	GEN DI	DIXO	E - CHEM	LUMI	NESC	ENT			1	UNITS	. 0.	01 PA	RTS/M	ILLIO	N						
	STA	TION .	SE	NO	56051	1	MEMORI	AL PA	RK Y	ORK/TH	IRD	st	CORNW	ALL		MON	TH ·	JAN	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	11	3	1	1	1	0	0	0	1		1	1	2	*	ŕ	1	2	2		,	
.2	3	1	4	1	1	1	1	2	2	1	1	1	1	- 1	1	1	- 7		2	- 1	-	•		,	
3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	,	2	2	2	2
4	2	2	2	1	1	2	2	2	2		2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
5	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	4	3	3	4	3	4	3	5
-6	3	3	3	3	2	1	1	2	1	1	1	1	1	ī	1	5	3	3	3	4	7	3	3	4	2
7	4	3	3	3	3	3	3	4	3	4	4	4	4	6	5	6	4	4	3	3	3	3	2	7	ā
8	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	- 1	2	2	2	3	2	-		7
9	30	1	2	2	2		1	1	1	1	1	0	0	0	1	1	2	3	3	4	3	2	3	2	2
10	16	1	1	0	1	1	2	2	2	••••	2	2	2	2	, i	1	1	1	ĭ	7	2	2	2	2	î
1.1	1		1	1	1	1	1	,	1	1	1	0	1	1		i	2		4	1	2	1	1	1	
12	1	1	1	1	1	2	2	2	3	2	2	1	1	1	1	2	2	2	2		2	2	2	3	2
1 3	2	2	2	2	2	2	2	3	2	2	1	1	2	2	2	2	3	5	5	2	3	4	5	4	3
1.4	4	3	2	2	3	4	4	4	4		3	4	5	5	6	7	B	7	6	5	5	5	5	4	5
15	4	4	4	4	4	4	4	4	3	2	3	2	3	3	3	3	4	- 5	4	4	2	3	3	2	3
16	2	1	4.0	1	2	10	1	1	1	1	1	1	1	1	ĭ	1	1		7		7	•	3	- 1	3
1.7	1	2	1	1	1	1	1	2	1		1	1	1	1	1	2	2	3	3	3	2	2	3	3	,
1.8	3	3	2	1	. 1	1	1	1	1	1	1	1	1	1	1	ī	ī	2	ĭ	,	3	-		1	- 1
19	1		1	1.1	1	1	1	7	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	- 1	100
20	1	1.	1	1	2	2	1	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	3	2	2
21 22 23	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	2	3	2	2	2	2	3	2	2	2
22	1	1	2	2	1	1	1	1	1	1.	- 1	1	1	1	1	1	1	1	1	2	2	2	2	2	- 7
23	2	1	1.	1	0	O	0	0	1		1	1	1	1	1	1	1	1	2	2	1	2	2	2	14.5
24	3	2	3	2	2	3	3	3	4		3	3	3	4	4	5	5	4	4	5	5	6	5	5	4
25	4	5	4	4	4	4	4	5	4	4	4	6	6	7	7	6	6	6	5	4	4	4	4	5	5
26	4	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2	3	3	2	2	1	2	2	2	2
27	1	2	1	1	1		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
28	2	1	2	-1	1	2	2	2	2	2	1	2	2	2	2	3	3	2	2	1	1	1	2	2	2
29	2	1	2	1	1	1	1	1	1	1	1	1	2	1	4	1	1	1	1	2	2	2	2	1	1
30	2	2	1	1	1	1	1	1	1		1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
31	•	1	1	1	1	1	1	1	1		1	1	1	1	1	1	ĭ	1	1	1	31	\mathbf{r}	2	1	11
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN DI	OXID	E - CHEM	LUMIN	ESC	ENT			,	UNITS	- 0.	01 PAR	RTS/M	ILLIO	N							
	STA	TION -	SE	NO	56051)	MEMORI	AL PAR	K Y	ORK/TH	IRD	ST.,	CORNW	ALL		MONT	гн	FEB	77							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8	2 1 1 3 1 1 2	2 2 1 1 4 1 1 2	2 1 2 4 1 1 2	1 1 2 4 1 1 2	2 1 2 4 1	2 1 1 1 4 1 1 2	1 2 1 1 4 1 1	1 2 1 1 4 0 1 2	1 2 1 2 3 0 1 2	1 1 1 3 0	1 1 1 3 1 1 1 1	1 1 2 2 4 1	1 1 2 2 4 1 1	1 1 2 2 3 1	1 1 3 2 3 1 1	1 2 2 2 3 1 1 2	2 2 3 4 1	2 3 4 4 1 2 2	3 3 5 2 1 2 2	2 3 5 1 1 2 2	2 2 4 1 1 2 3	2 2 4 1 2 2 3	2 2 4 1 1 2 2	2 1 1 3 1 1 2 2	2 2 2 2 3 1	
10	3	3	3	3	3	3	3	3	3	1 2	1	2 3	2	2	2	3	3	3	3	2	3 4	3 4	3	3	2	
11 12 13 14 15 16 17 13 19 20	4 2 2 1 2 1 2 1 6 5	3 2 3 1 2 1 2 1 5 5	2 2 4 1 2 1 2 5	3 2 3 1 1 1 2 1 2 4	3 2 3 1 2 1 2 3	2 2 3 1 2 1 2 2 2	3 2 3 1 1 1 2 2 2 2 2 2	3 1 3 1 1 2 2 2 3	4 1 3 1 1 2 2 2 3	4 2 2 2 1 1 2 2 2 3	5 2 2 1 1 2 1 3 4	5 2 1 1 1 2 1 3 3	5 2 1 2 1 1 1 3 3	4 2 2 2 1 1 2 2 2 3	4 2 2 1 1 2 2 2 3	4 3 1 2 1 1 2 2 3 3	4 3 2 2 1 1 2 3 3	4 4 2 2 2 2 2 5 4 2	4 4 2 2 1 2 2 4 5	4 3 1 2 2 2 4 4 2	3 1 2 2 1 5 5	3 1 2 2 3 1 6 5	3 1 2 1 2 2 6 5 3	3 2 1 2 1 2 2 5 5	4 2 2 2 1 1 1 2 3 3 3	
21 22 23 24 25 26 27 28	2 1 4 2 1 2 3 2	2 2 2 3 1	1 1 3 2 2 2 2 1	1 2 2 2 1 1	1 1 2 2 2 2 2 1	1 1 3 2 2 2 1 1	1 1 3 2 2 2 2 1	1 1 3 2 2 2 2 1 2	1 1 2 3 2 1 2	3	1 1 2 3 3 1 1 2	1 2 3 2 1 1 2	1 2 2 4 3 2 2 2	2 4 2 1 2 2	1 2 2 3 2 2 2 2	1 3 1 4 2 1 2 2	1 3 2 4 3 1 6 2	1 3 2 2 3 1 4	2 4 2 3 3 3	2 4 2 1 2 3 2 2	1 5 2 1 2 3 2 2	1 4 2 1 2 2 2 2	1 4 2 1 2 3 2	1 4 3 1 2 2 2	1 2 2 2 2 2 2 2 2 2 2	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION -	SE	NO !	56051		MEMORI	AL P	ARK Y	ORK/TI	HIRD	ST	CORNWA	LLL		MON	rH - 1	YAN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	î.	1	1	1	1	1	1	*	1	2	1	2	2	2	1	2	2	3	2	14	ı.	1	1
2	1	2	1	2	2	2	2	3	2	3	2	2	2	2	1	1	1	-		ິລ	2	2		•	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	2	2	3	4	3	з	2
4	1	1	1	1	1	0	1	1	1	1	0	0	1	1	-	4	2	2	3	5	5	-	5	5	2
5 6 7 8 9	5	5	4	4	4	0 4 2	4	4	4	4	5	3	3	2	3	2	3	4	3	3	3	5	2	2	2
6	2	2	2	2	2	2	2	2		-	1	1	2	2	2	2	2		3	2	3	1		-	3
7	1	0	0	0	0	0	0	0	0	0	0	0	0	ō	ō	ō	D			ล้	3	2	2	-	- 1
8	2	1	1	1	1	1	0	0	o		0	o	0	1	ĭ	1	1	2		•	0	-	ő	-	
9	0	0	0	0	0	1	0	1	1	1	1	1	1	1	2	100				- 1	9	- 1	Ÿ		2.
10	1	1	1	1	1	1	1	4	1	2	1	1	1	2	1	1	1	i	2	3	2	2	2	2	i
-11	3	3	2	2	2	2	2	-3	1	1	1	*	1	1	1	2	2	2	2	2	- 1	1	1	•	2
12	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
13	2	1	1	1	1	1	1	- 1		0	1	1	0	0	1	1	1	1	,	2	1	2	2	3	ĩ
14	2	1	1	0	1	1	1	1	1	1	1	•	0	0	1	1	1	1	9	5	2	2	2	2	
15	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	5	2	2	-	7	7	- 6
16	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2 2 2	2	2	2	i	2	à
17	2	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	1	1	1	1	2	3	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	5	4	2
19	4	4	2	2	2	1	2	2	2	2	2	2	1	1	2	2	2	2		4	2	7	•	7	2
20	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	6	5	3	2	2	2
21	2	2	1	1	1	1	1	1	1	2	2	1	1	1	111	1	2	2	2	3	3	,	2	31	2
22 23 24	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	1	2	4	3	2	2		2
23	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	1		7
24	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2
25	1	1	1	1	1	2	3	3		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
26 27 28	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	,
27	2	2	1	1	1	2	2	3	3	2	1	1	1	1	1	2	2	2	2	3	3	3	3	4	2
28	3	3	3	3	2 2	2	2	2	3	3	3	3	2	2	2	1	1	1	1	2	3	3	3	3	2
29	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	2	3	2
30	4	3	3	3	3	3	4	4	2	2	1	1	1	1	1	1	1	2	3	4	5	2	2	1	2
31	,	1	1	1	1	1	1	1	1	****		1	1	1	1	1	1	1	1	3	4	4	3	2	2
MEAN	2	2	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	- 1	NITRO	SEN DI	OXID	E-CHEM	ILUN	MINES	ENT				UNITS	- 0.	01 PA	RTS/M	LLIO	N						
	STA	TION .	- 51	E NO S	56051		MEMORI.	AL F	PARK Y	ORK/T	HIRD	ST	CORNW	ALL		MON	тн - ,	JUN	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1	1	1	1	3	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
2	1	3	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	- 1	1	2	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
4	1	1	1	-1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2	1
5	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	•	1	2	2	2	2	2	1
0	1		3	- 3	- 1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6		1	- 5	- 1		1	7	- 0	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1
	1		1	- 1	- 3	1	1	- 1	1	1	1	1	1	1	- 1		1	1	1	1	1	1	1	1	1
10	1	2	1	1.	1	1	2	- 1	1	7	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
10	2	2	2	2	2	2	2	2	1	1	1	1	4	1	1		. 1	1	2	2	2	2	2	2	2
11	2	1	1	1	1	1	1	1	1	1	3	1	2	2	2	1	2	2	2	2	2	2	2	2	2
12	2	1	1	1	1	-1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	- 7
13	2	1	1	1	-1	1	1	2	2	2	1	1	11	2	1	1	1	2	2	3	4	5	5	4	و و
14	2	2	1	1	1	2	3	3	2	2		1	1	1	1	1	1	1	1	1	1	2	2	2	2
15	2	2	2	2	2	2	1	1	****	****		1	1	1	1	1	1	1	2	3	4	4	4	3	2
16	2	1	1	1	2	1	1	2	2	1	1	1	2	1	1	2	2	2	3	3	4	3	2	2	2
17	2	1	1	2	3	3	2	2		2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	2
18	5	5	5	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
19	3	3	2	3 2 2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2
20	2	,	1	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	2	2
21	1	1	1	1	1	1	1	1	1	1	t	1	1	1	i	í	1	1	4	3	4	4	4	2	2
22	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	- 1	2	4	4	3	3	2
23	2	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	3	2	2	2
24	1		1	1	1	1	1	1	2	2	2	2	1	1	3	3	3	2	2	2	3	2	5	2	5
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	2
26	3	4	4	2	2	2	2	1	1	1	1	1	2	1	1	1	1	2	2	2	3	4	2	1	2
27	1	1	2	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1
28	1	1	1	1	-1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	- 1	1	1	1	1
29	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
30	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
MEAN	2	1	1	-1	1	1	2	2	1	1	- 1	1	1	1	1	2	2	1	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	- SE	NO	56051		мемо	RIAL	PARK Y	ORK/TI	HIRD	ST.,	CORNW	ALL		MON	тн -	SEP	77							
HOUR DAY	11	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	ij.	1	1	1	2	2	1	1	1	1	1		2	,	4	2	2	1	2	1	2			
2	1	1	1	1	1	1	2	1		1	1	2	2	2	á		- 1			2		2		2	ż	
3	2	1	1	1	1	1	1	1	ĵ.	4		- 7	- 7	- 7	7	- 2	- 4	2	2	3	2		2	2	2	
4	2	2	2	1	1	1	1	•	0	0	o.	1	- 4		11	- 2		2 2	2 3 2 2 2	3 2 2 2	3	3 2 2 2	ĭ	1		
5	1	1	1	1	2	2	1	- 1	ĭ	1	ĭ	4	- 4					1	2	~	1		,			
6	1	1	1	1	2	2	- 1	- 1	2	4			- 4		ă.		2	2	2	2	2	2	2	2		
7	2	2	2	2	2	2	2		7	1			- 5		- 2	- 1	2	2					2			
В	2 2	2	2	1	1	1	1	,	- 1				- 1		1		-		3	2	3	3		2	2	
B 9	7		- 1	- 4	- 4	4	- 1		- 2	4				- 1	- 1	- 3	- 1		1	- 1	1	1	- 1	- 1	1	
10	- 4		4	1	- 2	- 4		,	- 1		1		- 1		1	1	- 3	1		,	1	1	1	- 1	1	
	(8)			- 2	3.0	361		,	,	176	:4:	1.0	-	3		1	0	- 1	1	1	1	1	1	1	1	
1 1	1	1	1	0	0	O	0	0		0	0	0	1	1	1	1	1	1.	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1		2	1	1	1	2	2	2	2	2	2	2	2	2	9	1	1	1	
13	1	1.	1	1	1	1	1	1	1	- 1	1	1	2	10	15	9	8	7	7	8	7	7	7	7	4	
14	7	6	6	6	5	5	5	5	4	4	4	3	2	2	2	2	1	1	1	1	- 1	•	1	1	3	
15	1	1	1	0				1	1	1	1	1	1	7	1	1	1	0				Ó		1	ĭ	
16	1	1	1	1	1	1	1			0	0	0	0	1	1	1	0			0		õ		ò	4	
17		1	0	1	1	1	0	C	0	0	0	0	0	1	1	0	0	0	n			ĭ	1	ĭ	ò	
18	1	1	1	0	0	0	0	0	0	1	1	1	- î	- 3	1	ĭ	1	1	1		*					
19	* * * *	1	1	1	1	0				O	1	0	1		- 1	o	o	0	ó	ó	ò				ó	
16 17 18 19 20												Ψ,	DATA	INVAL	ID -		•		U		Ü				·	
21					*	1			-			140	-				4	4	۵	4	4	4	4	4		
22	3	3	3	3	2	2	3	2		3	3	3	3	3	2	•	1	1	1	7	- 7	1	1	1	2	
23	1	1	1	1	1	1	1	****	1	1	2	2	2	3 2 2 2 3	5	3	4	5	6	5	5		5	à	- 5	
24	3	1	1	2	1	3	2	3	3	3	3	2 2 3	2	2	2	3	1	2	6 2 2 2	5 3 2	5 2 2	6	5	1	2	
25	1	1	1	-1	0	1	1	1	1	2	2	2	2	2	5	- 2	9	5	2	2	2	2	2		2	
26	1	1	1	1	1	2	2	3	2	2	2	3	3	3	ີ້	2	5	2	2	1	2				2	
27	1	1	1	1	1	2		1	2	2	2	1	- 7	1	2	5	3	3	2	2				- 5	2	
23 24 25 26 27 28 29	2	2	1	1	1	1	2		2	3 2 2 2 2	2 2 2 3	1	- 4	2	2 2 2 2 2 2 2 2	2 2 2 2 2	2 3 2	5 2 2 2 3 2 3	1	1	-	1			2 2 2 2 2 2	
29	1	1	1	0	1	1	1	- 1	1	1	1		2	2	5	â	2	2		3	,					
30	1	1	1	1	1	2	1	2	2	3	3	3	3	2 2 3	3	3	3	3	3	2	2	2	2	2		
MEAN	2	1	1	1	1	1	1	,	11	11	11	1	1	2	2	2	2	2	2	2	2	2	2	2		

PERCENTAGE OF DATA VALID - 90.7

PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MEMORIAL PARK YORK/THIRD ST., CORNWALL HOUR 9 10 11 12 13 16 17 15 18 20 DAY 1 2 3 4 5 6 7 8 9 10 3 2 3 2 3 2 4 3 3 2 DATA INVALID DATA INVALID
DATA INVALID
DATA INVALID
OATA INVALID
2 2
2 2
2 2
2 2
4 4
1 1 11 12 13 14 15 16 17 18 19 20 2 2 4 8 3 3 1 22265 1 3 4 3 4 2 21 22 23 24 25 26 27 28 29 31 3 2 2 2 MEAN 2 2 2 2 3 3 3 3 2.3

PERCENTAGE OF DATA VALID - 76.3

PERCENTAGE OF DATA INVALID - 23.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

UNITS . O. O. PARTS/MILLION

			O.O. PARIS/MILL	IUN
STATION -	SE 1.0 56051 MEMORIAL P	ARK YORK/THIRD ST COR!	NWALL	
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	5	8
FEB	26	2.1	4	6
MAR	31	2.4	6	13
APR	30	1.9	4	6
MAY	31	1.6	3	6
JUN	30	1.6	2	5
JUL	31	1.2	2	4
AUG	31	0.8	2	4
SEP	28	1.6	4	15
OCT	23	2.3	4	9
NOV	30	1.7	3	5
DEC	31	2.0	3	5
YEAR	355	1.7	6	15
				200

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHET G	NOOF FREQUE	INC DISTRI	BUITON FUN	1977							
POLLUTANT	- NITROGEN	DIOXIDE-CH	EMILUMINES	CENT		UNITS -	0.01 PA	RTS/MIL	LION		
STATION -	SE NO 560	051 MEM	ORIAL PARK	YORK/THIRD	ST., CORN	WALL					
MONT	H 00 TO 01	02 10 03	04 TO 06	07 TO 10 1	1 10 13	14 10 20	21 80	VER	TOTAL		
JAN	335	311	87	5	O	0)	0	738		
FEB	231	364	76	0	D	0)	0	671		
MAR	207	406	103	23	2	0)	0	741		
APR	310	345	63	0	0	0)	0	718		
MAY	377	324	37	0	0	0)	0	738		
JUN	392	303	22	0	0	0)	0	717		
JUL	579	158	2	0	0	o)	0	739		
AUG	632	91	2	0	٥	o).	0	725		
SEP	407	208	26	11	0	19		0	653		
OCT	184	293	87	4	0	0)	0	568		
NOV	349	335	32	0	٥	0)	0	716		
DEC	267	413	58	0	0	0)	0	738		
YEAR	4270	3551	595	43	2	1		0	8462		
FREQUENCY	DISTRIBUTE PERCENT	ON BY PERC	ENTILES								
	OF DATA			EDECHEN		RATIONS	DECCENT				
	VALID	MIN	10	30 50	CY DISTRI	90	95	98	99	MAX	ARITH MEAN
	96.6	0	0.1 0	.5 1.0	1.6	2.8	3.6	4.6	5.3	15	1.7

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO	77016		ASH 51	WATER	TAI	NK.	SUDBU	RY				MONT	гн - "	JAN	77						
HOUR DAY	1	2	3	.4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 1 3 1 4 2 5 0 2	0 0 2 3 1 3 1 4 0	0 0 2 3 1 3 1 4 0	0 0 2 2 1 2 1 4 0 0	0 0 1 1 1 2 1 3 0 0 0	0 0 2 2 1 2 1 3 1 0	0 0 3 1 1 2 1 3 1 0	0 0 3 3 2 2 3 2 2 1 1	0 0 3 2 2 3 1 2 2 1	0 1 3 1 4 0 2 1 1	0 0 3 1 2 3 0 2 1	0 0 3 3	0 1 3 2 1 3 0 2 1	0 1 2 2 1 3 1 2 1	1 1 3 2 1 2 1 2 2 1 2	1 2 3 2 1 2 1 3 2	1 4 3 2 3 2 1 3 2	0 4 3 4 2 2 3 3	0 3 2 2 3 3 3 3 1	0 3 2 2 4 2 3 2 3 0	0330403030	0 2 3 3 5 2 3 0 3 0	0 2 3 2 4 2 5 0 2 0	0 2 3 2 4 2 4 1 1 0	0 1 3 2 2 3 2 2 1 1
11 12 13 14 15 16 17 18 19	0 1 3 2 3 1 1 3	0 2 3 2 3 1 0 3 0 2	0 2 4 2 2 1 0 3 0 2	0 2 3 2 2 1 0 2 0 2	0 2 3 1 2 1 0 2 0 1	0 2 3 2 2 1 0 2 0 1	0 2 3 2 3 1 0 2 0 2	0 2 4 3 3 1 1 2 0 2	0 2 4 3 3 0 1 1 1 2	1 1 4 2 2 0 1 1 1 3	0 1 4 2 2 0 1 1 0 3	0 1 3 2 1 0 1 1 0 2	0 1 3 2 1 1 0 1 1	0 1 3 2 1 1 0 1 1 2	0 1 3 2 1 0 1 0	1 3 3 1 0 1 1 1 3	1 2 3 3 1 0 1 0	2 3 4 1 1 3 0 3	2 3 2 3 1 0 3 0 3	2 2 2 1 0 3 1 3 1	2 3 3 1 0 3 0 2	2 3 3 2 1 1 3 1 2	3 3 2 1 1 3 0 2	2 3 3 2 1 1 3 0 2 1	1 2 3 2 2 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 3 3 3 1 2 1 1	1 1 5 2 3 1 2 1	1 0 6 3 2 1 2 1 0	1 0 6 3 1 2 1 2 0	1 0 5 3 1 2 1 1 0	1 0 4 3 2 1 2 0 0	1 0 4 5 1 2 1 4	1 1 3 3 1 3 2 4 1 0	1 1 3 2 1 4 1 4 0 0	1 1 3 3 2 3 1 4 0 0	1 3 2 1 2 1 3 0 0	1 0 3 3 1 2 1 3 0	1 0 3 2 1 2 1 2 0	1 1 2 2 0 2 1 1 0	1 3 0 2 1 1	1 3 3 1	1 3 4 1 3 1 2 1	1 2 4 4 1 3 1 3 1	1 1 3 3 1 3 1 3 1	1 2 2 3 1 3 1 1	1 1 2 3 1 2 1 1 1 1 1	0 2 2 3 1 3 1 0 1	1 2 3 4 1 3 1 0	1 3 3 3 1 2 1	1 1 3 3 1 2 1 2 1 0
31 MEAN	0	0	1 2	0	0	0	1	1 2	1	1	0	1	0	0	1	1	1	1	0	0	0	0	0	0 2	1.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- NI	TROG	EN DIO	BOLKO	- CHEM	ILUMIN	ESCEN	NT:				UNITS	5 - 0.0	D1 PAI	RTS/MI	LLION	4						
	STA	TION :	NE	NO 7	7016	A	SH ST	WATER	TANK	κ,	SUDBU	RY				MON.	тн - ғ	EB	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EΔN
1 2 3 4 5 6 7 8 9	0 1 2 1 1 1 1 2 2 2 2	0 1 2 1 1 1 1 2 3	0 1 2 1 1 1 0 2 4	0 1 2 1 1 2 0 2 2 3	O 1 2 1 1 2 O 3 2 2	0 1 2 1 1 4 2 2 2	1 1 2 2 1 0 1 4 2	0 3 3 3 0 1 1 4 3	0 3 2 1 1 4 3 4	0 2 3 1 0 0 1 3 3 3 3	0 1 2 1 0 0 1 3 2 3	1 1 1 1 1 1 1 1 2 3	0 1 1 0 0 1 1 2 2	0 1 1 0 0 1 1 2 2	0 1 1 1 0 1 2 2	0 1 1 0 0 1 2 3 3	1 2 2 3 1 0 3 4 3	1 2 1 4 1 5 4 3 4	2 1 1 4 1 1 4 3 3 3 3	3 1 2 1 1 2 3 3 4	2 3 1 1 1 2 3 4 3	1 4 1 1 0 1 2 3 4 3	1 3 2 1 0 1 2 2 4 3	1 2 1 1 0 1 1 2 3 3	1 2 2 2 1 1 1 1 3 3
11 12 13 14 15 16 17 18 19 20	4 3 2 1 1 4 3 1	5 3 2 1 0 1 4 3 1 1	5 2 2 1 0 1 5 3	4 2 2 0 0 1 5 3	5210024311	4 2 1 0 0 3 4 2 1 1	3 1 0 1 1 5 2	4 2 2 0 1 2 4 2	532115311	4 4 2 1 0 1 5 3 1	3 3 2 1 0 4 3 1 1	2 3 2 1 0 2 3 1 1	2 2 2 0 0 0 2 3 1 1	2 3 2 1 0 1 2 4 1	2 3 2 0 1 1 2 4 1 1	2 3 2 1 0 1 1 4 1	2 4 3 1 1 2 2 5 1 2	2 4 2 1 1 4 2 5	2 3 3 0 1 4 3 3 1 1	3 2 1 1 3 4 2	2 3 1 1 3 3 2 1 1	2 2 1 1 3 3 2 1 1	2 2 1 1 2 3 4 2 1 1	3 2 1 1 3 4 4 2 1	3 2 1 1 2 3 3
21 22 23 24 25 26 27 28	1 2 3 2 2 2 2 2	1 1 2 2 2 2 2 3 2	+ + N N N N A A A	1 3 2 2 2 4 2	1 2 2 2 2 4 2	1 2 2 2 2 3 3 2	1 2 2 2 2 2 2 2 2 2 2	3 3 2 2 2 2	2 2 3 4 2 2 2 3	2 2 3 3 2 2 2 2 2	2 2 3 4 2 2 1 2	3 2 4 2 2 2 2 2	3 2 3 2 2 2 2	3 2 4 3 2 2 2	3 2 4 3 2 2	3 3 4 3 2 2 2	1 3 3 4 2 2 2 2 2	1 4 3 4 2 3 1	1 4 3 4 2 3 1	1 3 2 3 2 3 2 2	1 3 2 4 2 3 2 2	1 3 2 3 2 2 2 2	1 3 2 2 2 2 2 2 2	1 3 2 2 2 3 2 2	1 2 2 3 2 2 2 2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	3	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALLD - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION ASH ST WATER TANK. SUDBURY MONTH - MAR 77 HOUR 9 10 11 12 13 16 17 20 21 22 23 24 MEAN DAY 12 13 14 15 16 17 18 19 20 2 2 3 22 23 24 25 26 27 28 3 1 0 1 o

PERCENTAGE OF DATA VALID - 99.2

MEAN

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

2.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUBBURY MONTH - APR 77 HOUR 9 10 16 17 24 MEAN 2 3 4 5 6 7 8 9 1 3 1 3 1 2 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 MEAN 1.6

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUL 77 HOUR DAY 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 9 10 12 13 14 15 16 17 18 19 20 22 23 24 26 27 28 29

PERCENTAGE OF DATA VALID - 98.7

MEAN

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0.7

•

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- * INDICATES DATA IS UNAVAILABLE

o

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT		NITRO	OGEN DI	OXID	E - CHEN	ILUMIN	ESC	ENT)	UNITS	- 0.0	01 PA	RTS/M	ILLIO	N						
	STA	TION -	NE	NO	77016	9	4SH ST	WATER	TA	NK.	SUDBU	RY				MON	тн -	AUG	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EΔN
1	0	0	ī	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0
2	3	1	1	1	1	1	1	1			1	1	1	1	1	1	1	0	1	2	1	0	1	1	1
3	1	1	0		1	0	0	0	0	2		0	0	٥	0	0	0	O	.1	1	1	1	1	0	1
	0	0	0	0	0		2	.30	1	****	3	1	1	1	0	1	1	1	1	,	1	1	1	1	1
5	0	0	0	0	0	1	1	1	100		1	1	0	0	0	0	0	D	0	0	1	0	0	0	0
6	0	0	0			0	0	0	0	0	0	О	0	D	0	0	0	0	0	0	0	1	0	0	0
7	1	2.	1	D	0	0	1	1	1	1	0	0	1	0	0	0	0	0	1	2	2	0	0	0	1
8	0	0	0	0	0	0	2	2	1	****	D	0	0	0	0	0	0	0	0	0	0	1	1	1	0
9	1	1	1	0		1		1	1	0	0	О	0	0	0	0	0	0	1	1	1	1	1	2	1
10	2	1	1	0	1	1	1	2	1	1	. 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0		1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0		0	o	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0		0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0
14	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		O	0	0	0	1	0
15 16	0	0	0	0			0	0	0	0	0	••••	0	0	0	0	0	0	0	0	0	0	1	1	0
16	1	1	0	0		1	2	2	2	1	1	1	1	(1)		- 1	1	1	1	1	1	1	1	0	1
17	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	D	0	0	О	0
18	0	0	0	0				0	0	0	0	0	0		****	0		0	1	2	2	1	0	0	0
19	0	0	0	0		0	1	0	0	0	1	1		0	0	0	0	0	0	0	0	0	0	0	0
20		1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	3	0	0	1	1	0
21	1	1	0	0		0	O	0	0	1	1	1	1	1	1	1	1	2	3	2	4	3	1	1	1
22	0	0	0	0		0	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0		0	0	0	0	0	0	0	0	0	0				0	0	0	D	0	0	0
24	0	0	0	0		0	0	D	0	0	0		0	0	0	0	0	0	0	0	0	D	0	0	0
25	0	0	0	0		0	0	0	0	0	0	0	0	0		0	0	1	0	0	0	0	1	1	0
26	1	1	1	1		1	1	1 **		1	1	1	1	2	1	1	1	1	1	2	4	2	1	1	1
27	2	1	0	0		0	1	1	0	0	0	0	. 1	1	1	1	1	1	1	1	2	1	1	1	3
28	1	O	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0		0	1	1 **	* *	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	n
30	0	0	0	0	0	0	1	1	1.	1	0	0	0	1	1	1	1	1	1	2	2	2	2	2	ā
31	2	1	j	1	2	1	1	2	1	1	0		1	1	ī	1	1	1	1.	1	1	0	0	0	3
MEAN	1	0	0	0	0	0	1	1.	0	0	0	0	0	0	0	0	0	0	0	1	1		1	1	0.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

					0.011		DE WEN			777				8 6 8 7 7	57 576	SUBSICIO DI DI BA			2.0						
	STA	TION	- NE	NO 7	7016	Δ	SH ST	WATE	R TA	NK.	SUDBU	JRY				MON	тн - 1	VON	77						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
31	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	3	2	2	2	2	3	3	3	2	2
2	2	1	1	2	2	1	1	1	1	1	2		1	1	1	1	1	2	2	2	2	2	2	2	1
3	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2 2	2	1	1	1	2
4	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 7	2	2	1	1
5 6 7	1	1	4	1	1	1	1	9	1	1	1	7	1	1	1	2	2	3	3	3	3	3	2	2	2
6	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 7	1	1	1
7	1	0	ō	0	0	0	1	1	1	1	1						2	2	2	2	1	4	1	1	1
8	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	2
9	1	1	39	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	- 1	2	2	2	1
10	1	t ₃	1	1	1	1	1	2	2			3	3	2	2	1	1	1	ſ	1	4	1	1	1	1
11	2	11.	11	1	1	,	1	2	2	1	1	D	0	0		0	0	0	0	Q	0	0	0	0	1.
12	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0 2 2 3	2 2	2	2	2	1	1
14	1	0	0	0	0	C	0	1	2	2	1		1	1		1	3	3	2	2	2	2	3	3	1
15	3	2	2	3	2	2	3	3	3	2	2	2	3	3		2	3	3	3	3	3	3	3	3	3
1.6	3	3	3	3	2	2 2 3	3 2 3	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	3	4	2
17	4	4	3	3	3	3	3	3	3	3	3	3	2	1	2	2	2	4	3	1	1	3	3	2	3
18 19	3	2	2	2	2	1	1	1	1	1	1	1	****		1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	- 1	1	1	- 1	7	1	1	1	1	1	1	2	4	3	1
20	3	2	2	2	1	1	1	1	1	t	1	.1	1	1	9	1	2	2	2	2	2	2	2	2	2
21 22 23 24	2	1	1	1	1	1	1	•	1	1	1		120	1	1	1	1	1	1	0	o	0	O	0	1
22	0	3	0	0	0	0	0	1	2	2	1	1	2			1	1	2	2	3	3	3	3	3	1
23	3	3		2	2	1	1	2	2					2		2	2	2	1	1	1	1	1	1	2
24	1	1	1	1	t	1	1	1	2	1	1	1	1	1	- 1		1	1	1	1	1	1	1	1	
25 26	1	0	0	1	0	O	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1
26	0	0	O	0	0	0	0	0	0	0	0			0		0 2 4	1	1	1	1	1	1	1	3	О
27 28	1	1	1	1	1	1	0	1	1	- 1	- 1	1		2	2	2	3	3	2	2	2	2	1	1	1
28	1	1	1	1	1	1		2	3	2	2	2	2		3	4	4	4	4	4			3	3	2
29	3	3	3	3	3	4	3	3	4	5	3	3	2		- 1	2	1	1	1	1	1	1	1	2	2
30	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
MEAN	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - N	NITRO	GEN DI	OXIDE	- CHEM	ILUMINI	SCE	٩T				UNITS	· o.	01 PAF	RTS/MI	LLION	N						
	STA	TION	. NE	NO	77016	Δ	SH ST	WATER	TANK	۲,	SUDB	JRY				MONT	гн - с	DEC	77						
DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	1	1	1	1	1	1	1	2	2	2	3	2	2	3	2	2	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	- 1		1	1	1	••••	1	1	1	1	1		1		1	10			i
3	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	3	1	2	- 1	2		,	2	
4	2	7	2	- 1	1	1	1	1	1	1	1	0	1	- 1	1	- 1		1	3	- 1	2	-	- 1	î	4
5	1	1	1	1	1	1	1	1	2	1	1		1	1	1	1	- 1	- 1	3	1	1		- 1	1	4
6	1	î	1	- 1	1	1	1	1	1	1	1	1	****	1	1	0	1	1	157	1	2	3		1	4
7	0	0	0	0	0	0	1	1	1	1		1	1	1	1	1	1	1	- 12	1		3		4	2
8	0	1	1	•	1	1	2	2	2	3	2	2	1	2	2	2	3	2	2	2	1		ò		
9	1	1	1	1	1	1	1	1	1	1	- 1	1	1	1	0	1	0	1	0	0	0	0	2	·	
10	0	0	0	0	О	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1		2	2	***	1
1.1	1	1		1	1	τ	1	1	1	1	- 1	1	1	1	1	1	2	3	3	4	4	3	3	3	2 2
12	2	1	1	1	1	1	1	2	2	2	2		2	2	2	2	3	3	2	2	~	2		2	2
13	1	1	1	1	1	1	1	1	2	2	2			3	3	2	3 3 3	2	2	2 3 2 3	2 2 2	3 2 2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	3	3	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2		1	1	1					2	1	-	1	2
16	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	- 1	- 3		4	
17	1	1	1	0	0	0	0	0	O	1	1	- 4	1	1	1	1	1	3		3	- 7	- 1		197	
1 B	1	4	1	1	1	1	0	0	0	0	0		1	1	1	1	1	1	1	.1.	1		2	2	2
19	1	1	1	- 1	1	1	2	2	3	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	-1	- q	1	1	0 3 2	2	1	2	2	2	2	2	2	2	2	2	2	2	2		2
21	2	1	1	1	1	1	1	3	2	3	3			2	2	2	2	3	3	3	3	3	2	2	2
22	2	2	1	1	1.	1	1	1	1	1	1			1	1	1	,	2		1	1	3	2	2	i
23	1	1	1	1	1	1	1	2	2	2	2		2	1	1	1	3	2			2	2	3	3	2
24	1	1	1	1	2	1	1	1	1	3	5	2	2	2	2				2	2	2	2	3	3	
25 26	3	2	2	2	1	- 1	0	0	0	0				0	0	0	1	2	1	2	3	3	5	3	
26	2	3	3	3	2	1	1	1	1	0			1	0	0	0	1	2	2	4	3	4	3	3	2
27	3	3	3 5	3	2	1	1	2	1	1			9	1	0		2	3	3		4	1		1	3
28	4	5	5	3	2	2	2	2	2 .		3	3		3	3		4	3	2	2	2		2	á	3
29	2	2	2	1		3	3	3	4	4	4	1 4	1 3	3	3	4	5	6	5	4	3	2	4	3	3
30	3	4	5	3		4	3	3	3	3	****	****	1	1	1	2	2	3	2	3	3	3	4		
31	4	4	4	4	4	4	5	6	5	4		5 4	5	4	4	4	4	6	6	4	5	5	4	3	4
MEAN	2	2	2	1	f	1	-1	2	2	2		2 2	2 2	2	1	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 77 HOUR 7 8 9 10 11 12 13 14 16 17 24 MEAN DAY 5 14 18 23 7 11 9 10 7 9 8 11 13 8 6 11 8 20 9 10 13 B 11 10 9 10 11 3 11 13 7 12 15 7 19 12 12 3 15 9 29 8 4 3 16 7 7 11 15 7 9 5 3 10 5 8 5 7 16 16 11 12 7 16 12 6 14 25 8 6 5 21 7 5 11 10 7 9 8 18 6 8 14 8 9 12 13 14 15 16 17 18 19 20 10 12 7 8 5 11 12 5 12 13 12 9 4 11 18 7 11 13 5 7 13 8 5 9 12 8 6 13 9 12 7 6 11 13 7 15 13 8 6 5 12 9 6 13 5 10 12 20 6 4 6 5 10 7 5 11 10 6 15 10 6 3 10 6 13 24 7 13 8 13 25 10 12 4 7 5 15 14 7 16 5 9 3 9 7 5 13 5 23 3 17 6 19 5 9 22 23 24 25 26 27 28 8 7 9 3 9 8 7 3 7 6 8 9 7 5 11 8 15 11 11 9 5 7 9 15 9 11 6 9 8 4 11 8 5 12 6 12 5 5 10 7 14 5 10 5 3 9 8 23 6 10 5 4 25 6 10 5 3 7 7 7 12 5 4 6 6 9 12 6 11 7 6 14 7 4 13 6 4 7 5 10 7 - DATA UNAVAILABLE В 7 -----8.9 MEAN В

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 7.5

2. *- INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

NOTES 1, **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 77 24 MEAN HOUR 10 9 7 B 8 6 1 4 4 9 6 10 11 14 9 12 3 5 8 7 7 7 6 17 10 16 9 13 4 7 11 3 3 8 10 5 3 8 10 4 4 12 3 4 9 6 9 10 3 6 7 11 3 8 12 8 10 10 8 22 9 12 8 11 16 10 7 15 10 9 8 18 B 19 7 4 12 4 7 16 3 7 9 6 11 5 7 10 14 4 6 6 6 5 9 11 4 6 7 13 5 5 5 7 9 8 7 5 29 6 6 10 9 4 6 5 12 13 14 15 16 17 18 19 20 9 5 6 6 3 4 4 5 6 9 12 7 6 8 5 12 7 3 6 12 5 17 6 12 5 3 6 7 4 9 8 3 12 8 5 6 12 6 5 5 6 14 7 6 12 7 20 7 11 7 7 8 10 6 5 1 1 8 6 6 7 6 8 22 23 24 25 26 27 28 10 12 10 8 5 5 9 14 9 5 12 8 5 5 7 10 5 6 5 7 7.7 MEAN

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNIIS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 77 HOUR 9 10 11 12 13 14 15 16 17 19 20 21 22 23 24 MEAN 2 3 4 5 6 7 8 9 4 5 11 3 5 10 5 3 4 3 3 5 10 5 3 4 3 10 2 5 7 18 9 7 8 9 14 12 7 8 6 5 5 6 6 7 8 7 8 5 7 12 13 14 15 16 17 18 19 20 17 5 6 8 5 3 4 7 5 11 11 6 3 4 5 10 4 7 7 4 3 10 4 4 4 7 11 3 9 10 15 21 5 5 6 13 20 10 7 3 22 23 24 25 26 27 28 4 6 6 22 6 13 37 4 5 11 8 6 8 20 2 4 4 5 9 8 4 9 10 2 4 4 4 5 10 4 7 14 7 2 8 4 4 16 4 7 33 5 9 14 6 12 22 1 4 16 2 5 4 5 12 7

PERCENTAGE OF DATA VALID - 98.0

27

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.0

6.1

NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

В

2. *- INDICATES DATA IS UNAVAILABLE

37

3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - N	ITRO	GEN O	IDES	- CHE	MILUN	INES	CENT			ı	JNIIS	. 0.	DI PAR	RTS/M	LLION	ч						
	STA	TION	. SW	NO	12008		467 U	NIVERS	1TY	AV WES	ST F2	WIND	SOR			MONT	тн - ,	JUN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
10	6	7	6	5	5	7	4				4	4	4	4	5	5	5	5	3	2	2	3	3	3	4
2	3	6	2	1	1	3	4	6	6	6	5	5	6	5	В	7	5	4	4	5	10	12	6	6	5
3	6	6	4	3	4	10	10	5	3	2	3	2			4	4	4	4	3	3	3	3	4	5	4
4	4	7	7	6	6	5	6	13	7	5	4	3	3	3	3	2	3	3	4	5	6	6	5	4	5
5	7	7	5	2	2	1	1	2	2	3	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3
6	1	1	1	1	2	2	2	3	3	3	3	3	2	3	3	3	3	2	1	1	1	3	4	4	2
7	5	6	4	2	1	3	5	3	3	3	3	2	1.	2	2	3	2	2	2	2	3	3	4	4	3
8	5	7	5	7	8	13	15	17	11	9	5	2	3	2	3	4	3	3	3	3	3	3	3	3	6
9	4	3	3	2	3	4	5	4	***	3	3	3		3	3	3	3	3	3	3	3	5	6	4	3
10	6	7	10	6	4	6	8	6	5	3	3	3	4	4	4	3	2	2	2	4	5	6	9	9	5
10	0	13.00	1.0	0	-					570	===	-				177									
11	15	16	10	5	3	2	3	5	3	2	2	3	6	6	6	4	4	4	4	5	5	5	5	4	5
12	4	5	5	4	5	5	4	5	5	4	4	5	5	4	4	4	4	4	3	4	3	3	4	3	4
13	3	3	2	2	3	4	8	9		4	3	4	3	3	3	3	4	3	3	5	5	5	5	5	4
14	6	6	2	4	3	10	8	10	10	5	3	3	4	4	3	4	3	3	4	4	4	5	4	4	5
15	5	4	4	3	4	5	9	11		4	3	3	3	3	3	3	3	3	3	3	4	7	8	6	5
16	6	5	-	7	В	11	10	9	6	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	5
16				3			5	-	5	3	3	4	4	4	3	3	3		-	7	7	16	15	7	5
17	3	3	4	2	3	3	3	3	3	3	3	2	3	2	2	ž	2	2	2	2	ź	3	4	3	3
18	4	6	4		2					2	2		- 1	- 1		î	2	-	•	2	4	5	8	6	3
19	4	7	7	6	6	4	2	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	š	4	4
20	7	7	7	5	4	5	6	8	4	3	3	3	3	3	3	3	7	3	3	3	3	3			7
21	4	5	4	4	5	8	8	8	6	5	3	3	3	3	3	3	3	2	2	3	4	4	4	4	4
22	5	6	7	6	7	11	19	14	7	5	4	2	2	3	3	3	3	3	3	3	4	3	4	4	5
22	5	5	6	В	7	12	1.1	10	7	5	3	2	2	2	2	2	2	3	8	13		8	3	3	6
24	1	-			- 1	-	90		-			- 5	3	3	3	3	4	4	3	3	3	4	4	4	
25	7	7	-	4	4	4	4	Δ	4	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	4
26	6	5	4	6	10	8	8	4	3	3	3	3	2	2	2	2	3	3	1	2	2	4	5	5	4
27	2	2	3	3	4	8	8	7	-		4	4	2	- 1	7	1	1	2	1	2	2	2	2	2	3
27				3	2	4	4	5	7	8	5	5	4	4	à	4	4	3	3	3	4	5	3	3	4
28	2	2	2	2		4	5	5		4	3	3	3	3	3	3	3	2	1	2	3	5	5	6	3
29	4	3	5	3	3	. 3	8		-	6	5	4	4	3	3	3	3	3	4	4	4	4	4	-	3 5
30	8	9	6	6	7	1 1	В		6	0		4	-	3	3	3	3	3		-	-	-	122		300
MEAN	5	6	5	4	4	6	7	7	5	4	3	3	3	3	3	3	3	3	3	3	4	5	5	4	4.2

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.3

- *- * INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	- SW	NO	12008	4	167 Ut	NIVERS	YTI	AV WES	ST F2	WIND	SOR			MON	TH - 5	SEP	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
	3	3	3	3	4	5	5	5	-	7	7	5	4	5	4	5	4	4	6	7	8	7	9	10	5
2	5	4	4	5	5	3	5 6	8	8	9	8	7	5	5	4	5	6	4	4	4	6	5	5	4	5
3	5 4 4	4	3	3	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
4	4	3	3	3 3	2	2	3	7	6	3	3	3	2	3	3	3	3	3	3	5	5	5	4	4	4
5	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5 6 7	1	1	1	1	2	2	4	5	6	5	4	. 4	3	4	4	4		4	4	4	7	4	3	3	3
7	3	2	2	1	2	3	7	8	4	3	3	3	2	2	3	4	3	1	2		2	3	4	3	3
8	3 5 2 9	6	5	2	2	3	6	y	6	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3
9	2	2	2	2	3	5	4	4	100	100	5	4	4	4	3	6	5	5	6	В	6	5	6	6	4
10	9	10	11	9	10	9	9	8	6	4	6	8	5	6	6	5	5	5	5	8 5	8	11	8	6	7
1.1	4	4	В	28	20	1.1	12	15	12	8	5	4	3	3	4	3	3	4	3	5 8	6	5	4	4	7
12	2	2	3	3	4	7	9	- 1	6	5	5	4	2	3	3	6	6	5	6	8	5	5	2	2	4
13	3	2	2	2	3	4	6		8	6	7	8	8	7	7	7	9	9	7	7	6	4	4	4	6
14	5	2	1	1	2	4	9	7	6	5	4	2	3	3	3	4	4	2	3	5	5	4	4	4	4
15	4	3	2	1	2	3	4	5	4	4	4	4	2	2.0	6	7	7	5	4	4	4	5	6	7	4
15	6	5	5	4	4	2	2	2	4	4	4	4	4	4	4	5	5	5	5	6	7	7	8	9	5
17	9	10	12	8	5	7	8	7	9	9	8	7	5	4	4	4	6	9	9	12	11	8	5	5	В
18	5	3	4	4	2	2	4	3	3	2	3	4	5	3	3	3	3	3	3	5	5	5	3	4	4
19	2	2	1	1	2	2	4	5	4		4	5	6	6	4	5	5	6	7	12 5 8	5	5 5 3	4	4	4
20	2	2	2	3	4	6	8	10	9	6	5	3	5	4	3	4	5	5	4	4	3	3	3	2	4
21	2	2	2	2	3	3	4 9 2 2	7	8	7	6	6	6	7	7	8	7	6	6	7	5	2	3	3	5
22	2	2	2	2	3	5	9	13	10	4	140	-	2/1	4	4	4	4	4	4	3	3	4	5	3	4
23 24 25 26	2	2	2	2	2	2	2	4	4	4	4	4	4	4	5	5	5	3	3	3	3	2	2	2	3
24	2	2	2	1	1	2		3	4	4	5	6	3	4	5	6	7	5	4	6	6	7	7	6	4
25	6	5	5	6	5	4	3	3	5	6	4	3	2	2 4	3	3	3	4	4	4	4	3	2	3	4
26	2	1	1	1	1	2	6	4	4	3	3	2	2	2	3	3	3	3	3	6	6	5	4	5	3
27 28	4	4	4	5	4	5	7	11	12	5	3	4	4		5	5	5	4	3 5 6	5	4	5	5	5	5
28	5	4	4	3	3	6	12	16	9	5	5	4	5	4	5	4	4	4		9 12	10	16	21	9	7
29	6	6	В	7	7	10	15	17	14		7	5	5	5	6	5	4	4	7	12	13	15	9	9	9
30	5	5	6	8	7	8	15	15	12	7	7	8	12	-	12	16	20	13	10	7	6	5	4	3	9
MEAN	4	4	4	4	4	4	6	7	7	5	5	4	4	4	4	5	5	5	5	6	6	5	5	5	4.9

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POI	LUTAN		NITRO	GEN O	IDES	- СН	EMILUN	AINES	CENT			ı	JNITS	- 0.0)1 PAI	RTS/M	LLIO	N						
	STA	TION	- SW	NO	12008		467 U	NIVERS	SITY	AV WEST	F 2	WINDS	SOR			MON	гн - с	ост	77						
HOUR DAY	4	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	2 3 4 9 6 3	2 2 3 4 5 6	2 4 5 4 3 4	2 1 2 3 5 4 3 3	2 1 2 4 5 5 3	3 1 3 8 5 8 4 2	4 1 6 11 7 13 8 2	5 2 10 20 8 20 10	5 1 16 7	5 1 4 13 6 5	3 2 4 7 6 5 3	5 4 5 6 4 3	3 2 4 4 5 3 4 2	4 2 4 4 5 3 3	4 4 4 5 3 3	4 2 4 4 5 6 3	4 2 4 5 6 3	4 2 4 4 5 4 3 2	2 2 6 7 7 6 3	2 6 11 6 5 3 5	2 7 12 4 3 3	2 9 9 4 3 4	2 5 8 12 4 3 4	2 4 5 9 5 1 4 5	3 2 5 8 6 6 4 3
9 10	5	5	6	6	6	7	8	4 B	3	6	6	3	5	3	3	3	3	3	5	5 7	4 5	5	5	5	4
11 12 13 14 15 16 17 18 19	3 4 28 19 4 2 4 9	3 3 15 15 3 3 7 17	4 3 5 12 16 3 4 3 6 14	3 4 17 13 3 4 3 5	3 5 45 11 3 5 4 5 8	4 6 60 10 3 5 5 6	4 5 10 72 11 3 8 6 8	5 6 14 89 12 3 13 9	15 3 8 13	5 6 17 16 3 11 8	6 5 11 17 3 6 5 8	5 6 7 18 2 5 4 7	5 6 15 3 9 3	7 7 6 3 4 3	5 6 7 3 4 3 5	5 7 7 6 3 4 4 7 5	4 6 6 3 4 5 6	3 5 5 3 3 4 5 6 5	3 6 7 7 3 6 7 6 7	4 6 9 3 3 5 8 13	3 6 10 12 3 3 3 8 12	3 6 14 14 3 3 4 6 15	2 7 14 13 4 3 4 7 22 13	2 8 24 19 4 3 4 8 22 7	4 21 10 3 5 5 9
21 22 23 24 25 26 27 28 29 30	7 5 2 3 9 6 15 4 31	6 2 3 9 4 17 3 13	6 7 2 3 5 3 13 3 11 11	6 8 2 3 4 3 11 3 11 10	6 8 2 3 6 3 10 3 15 9	8 10 2 4 8 4 12 4 18 8	13 7 2 7 8 7 - 7 24 10	5 2 12 16 9	5 2 10 10 13 28 19 7	5 2 7 11 29 10 15 8	5 3 5 6 9 19 8 12 8	4 3 6 5 8	4 2 5 6 11 -	4 3 5 5 13 9	4 3 6 4 10 7 -	5 3 7 5 10 8 12 13	6 4 3 6 5 11 8 36 12	6 4 3 6 5 9 32 16	5 3 7 8 13 15 17 12 9	7 3 6 8 19 19 16	8 3 6 6 24 9 20 12	6 4 3 7 7 26 6 20 11 8	6 4 3 10 8 17 6 27 9	7 3 8 7 16 7 31 10 8	5 3 6 7 11 13 14 19
31 Mean	1 1 B	8 6	7 6	8 5	7 6	8	B 10	8 13	7 9	8	7	7	7	7	8 5	8	8 6	7 6	7 6	8 7	8 7	7 B	6 8	7 8	8 7.2

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 6.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 19 20 21 22 23 24 MEAN DAY DATA UNAVAILABLE -9 11 11 10 11 12 12 13 14 15 16 8 9 13 13 9 9 12 10 9 10 8 8 8 11 12 8 8 11 12 10 15 12 10 11 12 14 11 13 14 11 10 9 10 3 16 8 16 14 10 11 10 9 16 10 11 15 12 8 11 9 16 12 9 13 9 13 B 11 22 23 24 6 8 7 5 5 MEAN 9 9.0

PERCENTAGE OF DATA VALID - 83.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 16.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ".... INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT . AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS . O. 01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 77 HOUR 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 MEAN 9 8 9 15 6 8 6 4 5 10 11 6 16 8 8 5 10 8 14 8 5 6 9 5 1.0 5 9 14 5 13 8 19 6 8 9 5 11 10 14 12 13 14 9 14 7 13 13 10 11 6 16 7 12 11 7 5 13 5 9 13 3 6 10 13 10 5 22 23 24 27 28 14 15 . C

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID . 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.7

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - JAN 77 6 7 8 9 10 11 12 13 14 15 16 17 HOUR 19 20 21 22 23 24 MEAN 2 3 4 5 6 7 8 9 4 12 7 6 20 10 10 2 5 10 7 11 7 12 6 12 8 6 2 14 9 24 11 5 5 15 6 3 17 2 3 8 19 9 5 17 2 5 9 21 12 7 9 3 7 10 9 26 9 5 8 4 5 13 7 11 7 8 7 15 7 4 10 7 11 10 15 10 12 5 5 2 3 15 8 10 2 6 12 9 9 2 5 19 11 5 8 4 5 16 2 2 10 10 12 13 14 15 16 17 18 19 4 5 12 19 12 6 4 7 6 8 12 4 3 7 10 5 3 7 10 9 5 3 4 5 5 7 5 6 7 6 9 9 7 8 22 23 24 25 26 27 4 6 5 6 11 6 12 5 6 16 7 8 8 5 3 2 4 10 6 10 12 5 4 MEAN 5.8

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITRO	GEN OX	IDES	- CH	EWI LUM1	NES	CENT				UNITS	- 0.0	01 PA	RTS/M	LLIO	N						
	STA	TION -	SW	NO	14049		156 V	ICTORIA	ST	NORTH	SA	RNIA				MON	тн 🐇 ј	EB	77						
HOUR DAY	3	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 10 4 3 4 2 10 12 6	4 2 4 4 13	2 2 12 2 2 3 3 13	2 2 9 2 2 3 5 14 15 5	2 4 3 3 2 4 13 15	2 3 3 2 4 3 13 9 7	2 2 3 4 3 2 4 5 9 7	14	4 5 8 3 4 4 21 16	4 7 4 10 4 5 6 18 16	4 10 3 7 3 5 8 23 15	5 11 3 4 4 3 7 24 12 8	6 9 3 6 4 3 B 0 9 6	6 6 3 9 4 3 6 8 7 4	5 8 3 4 3 5 15 9	5 9 4 8 3 6 11 12 5	5 10 4 7 3 6 11 12 5	4 9 4 6 4 3 4 8	3 9 2 5 3 4 4 7 9 5	5 10 3 6 2 3 4 11 14 7	4 10 3 7 3 6 13 16	4 8 3 6 4 7 12 10	4 7 3 5 5 9 13 7	2 7 4 3 5 3 10 14 7	4 7 5 3 3 5 14 12 8
11 12 13 14 15 16 17 18 19 20	7 8 2 2	6 8 3 2	9 9 4 2	9 7 6 2	7 13 4 2	8 16 4 2	9 16 2 2	5 7 2 2	8 5 1 2	4 4 1 2	5 3 1 3	- DAT - DAT - DAT	NU AT NU AT NU AT NU AT NU	3 5 1 3 AVAILA AVAILA AVAILA AVAILA	BLE -		5 6 1 .	5 5 1 -	6 5 1 -	5 4 1	5 4 1	5 7 1	10	8 5 1 -	6 7 2
21 22 23 24 25 26 27 28	980	É		9		3	*			œ		- DA1 - DA1 - DA1 - DA1 - DA1	A UN A UN A UN A UN	AVAILA AVAILA AVAILA AVAILA AVAILA	BLE - BLE - BLE -			2	ă.	4	4	а	4	4	
MEAN	5	6	6	6	6	6	6	7	7	7	7	7	6	6	6	6	6	5	5	6	6	6	6	6	6.0

PERCENTAGE OF DATA VALID - 49,3 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 50.7

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STAT10N - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - MAR 77 HOUR 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 4 4 17 4 2 3 15 3 2 3 4 15 7 9 3 15 3 8 3 15 10 4 3 10 4 8 3 5 8 4 3 3 5 10 9 10 2 3 4 5 6 7 8 9 12 3 4 3 5 15 10 3 7 14 9 2 3 9 6 10 5 10 7 6 13 11 12 13 14 15 16 17 18 19 20 10 17 21 22 23 24 25 26 27 28 29 30 10 3 5 3 4 7 12 DATA UNAVAILABLE 10 31 2 5 3 6 3 MEAN 5 6 5 4.7

PERCENTAGE OF DATA VALID - 91.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 9.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

				12 I KU	GEN O	KIDES	- Cm	EMILUM1	NESC	ENT				DNIIS	- 0.0	DT PAI	RTS/M	ILLIO	N						
	ST	NOITA	- SW	NO	14049		156 V	ICTORIA	ST	NORTH	SA	RNIA				MON.	тн - ,	APR	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	6	5	5	7	5	3	3	114	3	4	3	3	3	3	3	3	4	5	6	3	3	,
2	2	2	3	3	2	2	3	2	2	3	4	4	5	7	4	4	5	5	9		8		3	3	*
3	2	2	2	1	1	1	1	1	1	2	2	3	2	э	3		1		2	6	4	6	5	3	4
4	2	2	3	3	2	2	2	3	3	3	3	-	3	3	3	5	3	3	3	3	2	2	2	-	2
5	9	4	2	2	1	3	2	3	5	5	5	4	2	ă	3	3	2	2		3			4	a	3
6	1	1	7	1	1	1	2	3	5	4	4	7	3	4	4	3	5	5	2	1	3	3	1.	2	3
7	3	4	4	3	2	2	4	5	6	10	11	11	10	10	11	7	7	8		3	3	5 2	4	4	3
В	2	2	3	2	2	2	2	3	3	3	4	4	2	3		9	ź	8	3	3	3	2	- 1	1	5
9	5	4	6	7	9	11	10	10	6	5	4	4	4		2	*		1	2	3	3	5	4	6	3
10	9	7	6	3	2	4	4	3	3	2	3	3	3	3	5	8	6	7	8	6	3	5	5	7	6
10	э		0	3	2	4	- 14	3	3	2	J	3	3	3	3	3	3	3	5	4	5	5	4	3	4
1.1	10	12	13	11	12	13	15	17	14	14	14	14	2	5	6	4	5	5	4	4	6	8	8	6	q
12	5	5	B	6	5	5	4	5	4	4	3		4	3	2	3	3	4	4	7	8	13	10	12	6
13	12	8	7	3	2	2	5	7	9	6	4	2	3	3	3	3	4	4	2	2	2	2	2	2	ā
14	2	2	2	2	1	2	2	4	4	4	3	5	4	4	4	5	5	4	3	4	5	5	3	3	3
15	2	2	4	2	2	2	4	4	6	6	5	5	5	5	5	4	6	6	5	5	4	6	5	5	3
16	6	7	8	4	3	2	5	7	7	8	10	9	8	10	10	4	4	6	5	6	9	17	19	20	7
17	15	23	31	25	17	1.1	10	6	3	1	2	3	3	3	4	4	4	6	7	11	14	6	3	3	0
18	3	2	2	3	3	3	2	6	6	3	14	12.	-	7				Ĭ	- 1	1	14		-	-	
19					2		-	-	-		-	140	440	12		11	9	9	8	8	6		в	5	
20	7	4	3	3	3	3	6	10	8	8	4	4	4	3	3	6	7	4	3	3	3	8	4	3	5
21	2	3	4	3	3	2	3	5	6	9	10	11	9	9	В	8	9	7	8				6		
22	4	5	6	4	5	7	7	9	3		6	5	6	6	6	ĕ	6	5	5	8	8	8	4	6	6
23		ī	30 7 0	-	A-91			-	~		-	-	4	4	5	ž	5	4	2	4	5	5	5	5	5
24	3	4	4	3	4	4	2	3	4	4	2	2	2	3	3	3	2	3	4	4	3		5	3	*****
25	1	3	3	3	2	3	6	6	3	4	4	4	4	4	4	3	3	5	3	4	3	3	4	3	3
26	2	2	2	2	-	7	8	6	3	5	4	4	6	5	5		5	4	4	3	4	4	3	2	4
27	12	7	5	5	7	10	12		10	11	11	9	7	8		8	2		4	5	12	12	9	14	6
28	1	1	,	-	- 1	1	2	3	3	3	4	4	á	8	8	ě		9	4	3	7	7	1	1	В
29	ė	7	5	3	4	6	10	7	5	3		4	4	4	4	5	3	3	3	3	3	4	3	4	3
30	6	5	5	5	6	5	6	6	6	5	5000	4	-	4	4	4	4	3	3	4	4	5	6	6	5
30	0	3	5	2	0	9	ь		О	5	•	4	5	6	5	5	6	6	7	6	5	4	4	3	5
MEAN	5	5	5	4	4	4	- 5	6	5	5	5	5	4	5	5	5	5	5	4	5	5	6	5	5	4.9

PERCENTAGE OF DATA VALID - 93.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 5.8

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - JUL HOUR 24 MEAN DAY 2 5 2 4 2 3 4 5 6 7 8 9 10 2 5 3 5 DATA UNAVAILABLE DATA UTAVAILABLE DATA UTAVAILABLE DATA UNAVALLABLE DATA UNAVALLARI 12 13 14 15 16 17 18 19 20 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE 22 23 24 25 26 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVALIABLE DATA UNAVAILABLE DATA UNAVAILABLE 4 2 5 2 MEAN 3.3

PERCENTAGE OF DATA VALID - 21.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 78.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - AUG 77 HOUR 1.1 24 MEAN 5 5 9 4 4 7 2 B 4 5 2 7 2 2 B B B 3 4 5 2 4 3 4 2 7 3 4 4 5 4 9 5 12 7 7 5 5 5 2 29 30 MEAN 4.4

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.0

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - NOV 77 HOUR 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 4 4 17 2 4 4 13 2 4 3 14 12 2 5 4 4 12 13 14 15 16 17 18 19 20 2 2 6 7 5 2 22 23 24 25 26 27 28 MEAN 4.0

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION 156 VICTORIA ST NORTH SARNIA MONTH - DEC 77 9 10 1.1 12 13 14 15 16 17 18 24 MEAN HOUR DAY 12 2 3 12 5 3 3 3 3 5 9 7 12 13 14 15 16 17 18 19 20 В 12 10 11 7 9 4 14 10 7 7 13 6 4 12 7 13 6 4 7 10 4 6 7 4 3 6 B 7 8 22 23 24 25 26 27 4 12 6 2 4 9 12 10 6 2 4 9 4 MEAN 5.6

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.5

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON 9 10 11 24 MEAN HOUR 14 15 16 17 20 21 22 23 18 19 DAY 7 10 6 22 7 4 11 2 16 1 2 3 4 5 6 7 8 9 10 6 11 60 53 4 8 8 6 11 63 47 6 8 8 2 5 11 66 34 6 7 2 3 4 4 65 27 5 7 3 4 4 4 5 2 3 5 1 2 7 18 9 10 5 8 2 4 6 18 15 18 10 7 9 2 3 6 2 1 2 3 1 5 1 0 7 7 2 2 5 11 17 30 15 5 9 2 3 5 3 46 22 4 12 1 4 6 55 50 5 6 3 2 10 8 60 19 3 15 1 13 5 14 9 4 12 2 5 13 5 9 9 3 12 7 9 6 39 13 14 2 4 3 31 20 4 9 2 20 3 15 1 5 17 10 5 3 7 6 2 6 6 26 17 8 3 10 17 7 5 10 18 7 4 10 6 4 9 8 6 7 15 6 4 11 5 4 13 5 26 14 7 4 8 10 5 8 5 11 14 7 3 8 2 4 7 5 10 12 13 4 10 3 6 5 5 8 9 6 4 1 1 5 4 10 12 13 14 15 16 17 18 19 20 21 7 3 10 12 5 6 10 6 5 6 4 4 1 5 B 10 5 4 4 4 17 10 4 4 2 2 3 4 5 5 5 5 5 7 22 23 24 25 26 27 28 29 30 3 4 9 12 4 6 5 5 4 4 8 2 8 5 10 3 2 5 3 4 7 1 5 5 3 9 3 5 5 6 5 4 4 3 5 19 7 14 5 4 5 5 4 4 10 4 9 3 2 4 5 4 13 6 8 3 4 MEAN

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POI	LUTANT	· • N	ITRO	GEN O)	IDES	- CHEM	I LUMI	NESC	ENT			4	INITS	- 0.0	01 PA	RTS/M	LLIO	N						
	ST	TION -	SW	NO	15001	i	WESTERN	FAIR	GRO	UNDS	KING	/RECT	DRY.L	NOON		MON	тн - т	EB	77						
HOUR DAY	i	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	1	1	2	3	4	3	3	3	3	3	6	1.2	5	5	5	4	4	4	3	3	3
2	2	2	1	2	2	3	4	4	8	9	8	7	6	8	6	6	8	8	8	10	7	6	В	9	6
3	7	6	6	6	4	4	5	7	8	9	8	6	3	4	18	4	4	6	4	3	3	4	4	4	5
4	4	3	3	3	3	3	4	5	8	8	4	4	3	4	4	5	6	6	6	6	6	6	5	6	Š
5	3	3	2	1	1	1	1	1	2	3	2	2	3	4 3 2 4	3	3	6 2 3	4	3	5	4	3	3	4	ž
6	3	2	3	2	1	4	1	1	7	2	2	2	2	2	3	4	3	3	ě	6	6	5	4	4	3
7	7	7	7	-		- 4	2	4	ė	ē	A	3	4	ā	4	=	6	4	5	12	11	14		22	3
A	15	13	11	12	11	14	15	23	24	24	15	12	12		7	2	ä	10	5 9 9	7	7	7	16	7	12
	15 9 8	9		10	10	11	15	10	24 11	10	15	12 7	8	11 8 6	8	,	9 10	10 12 10	40						12
10	3	6	9	3	5	9	15	34	30	25	15	9	6	0		8	9	12	10	14	9	10	12	13	10
10	в	0	5	3	2	9	15	34	30	25	15	9	ь	ь	7	7	9	10	10	9	7	1.1	13	13	11
1.1	10	6	4	5	6	12	12	11	10	7	7	7	6	7	7	7	8	В	9	16	14	12	10	8	9
12	13	11	8	6	7	9	10	14	13	9	7	9	10	В	7	7	8	9	9	7	6	5	8	11	9
13	5	5	4	3	2	2	2	2	1	3			-	-	+	10 -e					81	-	-	-	*****
14			-						-	199	-	4	3	3		3	4	4	5	4	3	3	4	3	
15	1	1	1	1	1	1	2	3	4	4	4	3	4	4	4	5	4	5	5	4	3	4	4	3	3
16	2	3	4	4	3	4	8	10	11	6	4	3	4	3	3	5	5	4	4	4	5	6	7	7	5
17	9	8	6	5	7	7	7	10	14	11	9	7	7	9	3	8	11	11	12	13	11	7	6	В	9
18	8	7	7	7	5	5	6	10	12	11	12	10	9	11	16	16	16	16	20	13 22 4	14	13	13	18	12
19	11	10	9	3	2	1	2	2	3	2	2	4	8	4	4	4	4	4	4	-4		3	4	18	4
20	4	3	2	2	2	2	2	2	3	2	2	2	2	3	3	2	2	3	3	4	3	3	3	3	3
21	2	1	1	2	2	3	6	8	6	4	3	3	2	4	4	5	9	11	16	18	2	7	7	9	6
		5	6	6	5	7	6 9	9	10	12	6	5	6	4	4	5	6	6	12	11	é	6	5	4	7
23	5 6 3	4	4	4	3		2	3	3	4	4	4	5		5	3	4	4	4	4	2	2	3	4	1
24	3	3	3	2	3	2 3 2	4	5	3	7	7	7	8	õ	8	8	7	7	8	6	3	3	5	7	
25	3	2	2	2	2	5	4	ž	7	6	5	<u>,</u>	5	-	5	-	é	7	6		4	5	5	7	5
22 23 24 25 26	3	4	2	-	- 1	-	7	2	á	3	3	3	В	5 9 5	5	5	6	7	6 5 3	5	9	3	5	4	3
27	3	4	2		2	-	2	2		3	9			6	5	3	3	3	5	4	4	2		3	4
26	3	3	3	2	2	2	-	3	5	7	9	10	10	6	6	3			3	3	2		2	4	4
28	2	2	2	2	2	2	4	0	1	7	4	4	4	4	4	6	6	7	7	7	5	6	5	5	5
MEAN	5	5	4	4	3	4	5	7	8	8	6	5	6	5	6	6	6	7	7	8	6	6	6	7	5.9

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - MAY 77 HOUR 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 6 7 8 9 10 11 1 2 3 4 5 6 7 12 3 3 10 2 2 3 2 1 1 2 9 10 12 13 14 4 8 11 8 4 5 15 7 4 10 7 4 11 5 4 22 23 24 25 6 13 7 27 3 2 MEAN 4.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID . 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - JUN 77 9 10 11 12 13 14 15 16 17 20 21 22 23 24 MEAN 7 8 9 12 13 14 15 16 17 18 19 20 3 2 2 2 2 3 6 2 14 3 3 3 8 12 3 4 3 6 4 5 3 5 3 3 22 23 24 25 26 27 28 29 6 10 4 15 3 MEAN 3.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.6

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - SEP HOUR 22 23 24 MEAN 20 21 DAY 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 2 2 22 23 24 25 26 27 28 29 30 MEAN 3.2

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - OCT 77 HOUR YAQ 7 B 22 23 24 MEAN 3 0 1 10 5 4 1 4 2 12 12 13 14 15 16 17 18 5 6 4 4 10 UNAVAILABLE 13 5 21 7 57 24 6 38 6 47 5 9 10 29 26 22 23 24 25 25 27 5 3 11 9 33 2 10 2 3 2 14 7 28 2 3 2 13 26 27 2 2 8 36 19 14 3 10 8 10 3 4 3 12 8 12 11 3 2 10 3 2 14 10 19 12 5 2 2 27 13 24 16 10 4 9 3 2 1 1 5 1 8 1 3 5 3 2 21 30 24 2 19 4 2 19 19 13 15 4 20 18 14 8 1 25 28 3 12 48 24 29 4 19 5 45 16 2 2 19 16 12 3 1 29 30 MEAN

PERCENTAGE OF DATA VALID - 84.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 15.6

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS . O. 01 PARTS/MILLION STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 77 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR DAY 0 0 0 0 0 0 0 8 9 11 12 13 14 15 16 17 18 19 20 0 0 6 21 22 23 24 25 0 0 0 0 0 0 ò 26 30 31 0 0 2 2 2 2 1 MEAN 2 2 2 2 2 1.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- 1	ITROG	EN OX	IDES	- CHE	MILUM	INESC	ENT			L	NITS	- 0.0	1 PAR	RTS/MI	LLION	¥						
	STA	TION -	WC	NO 2	2071	E	XPERI	MENTAI	LFAF	RM SIM	COE					MONT	ГН - F	EB	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 0 2 1 1 1 1 2 2 2 2	2 0 2 1 0 0 1 2 2 2 2	2 0 1 1 0 0 0 2 3 2	2 0 2 1 0 0 2 3 2	2 0 2 1 0 1 0 4 3 3	1 0 1 1 0 1 0 6 3 4	0 0 1 1 0 1 0 6 3 4	0 0 1 1 0 5 3 3	0021000635	0 0 1 1 0 - 0 6 4 5	1 0 1 0 0 - 0 5 4 3	02100.0533	1 1 0 0 0 4 5 3	002000432	0 - 2 0 0 0 0 3 3 2	0 2 0 0 0 0 3 2 2	0 2 1 0 0 0 0 1 2 4	0 2 1 0 0 0 0 2 2 5	0 2 1 0 0 0 0 2 2 3	0 2 1 1 0 0 1 2 2 3	0 2 1 1 0 0 1 2 3 3	0 2 1 1 0 0 2 2 2 3	0 2 1 1 0 1 2 2 2 3	0 2 1 0 0 1 2 2 2	1 1 1 0 0 0 3 3 3
11 12 13 14 15 16 17 18 19	3 2 0 0 0 1 2 2 0	3 4 2 0 0 0 1 2 3	3 4 2 0 0 1 1 2 3 1	2 2 2 0 0 1 1 2 3 1	2 2 2 0 0 1 1 2 4 0	1 2 1 0 0 1 1 2 4 0	2 2 1 0 0 1 1 2 3 0	2 2 1 0 0 1 1 3 1 0	2 3 1 0 0 1 2 3 0 0	2410002500	2 3 1 0 0 0 2 4 0 0	2310000400	3310001400	2 2 1 0 0 0 1 4 0 0	1 3 1 0 0 0 1 4 0 0	2310001400	2210002500	3 2 1 0 0 0 2 5 0 0	3 2 1 0 0 0 1 3 0	3 1 0 0 0 1 3 0 0	2 3 1 0 0 0 1 3 0	2 3 0 0 0 1 1 2 0 0	2300001200	2 3 0 0 0 0 1 2 0 0	2 3 1 0 0 0 1 3 1
21 22 23 24 25 26 27 28	0 2 3 1 1 1	0 2 2 1 1 1	0 2 2 1 1 1 0	0 2 2 1 1 0 1	0 2 1 1 1 0 1	O 1 1 1 O 1 1	0 1 1 1 1 0 1	0 2 1 1 0 1 1	0 3 1 1 1 0 1	0 2 1 1 0 1 1 1	0 2 1 2 1 0 1	0 2 1 2 1 0	0 3 1 1 1 0 1	0 2 1 1 1 0 1	0 1 1 1 1 0 2	0 1 1 1 0 1 .	0 1 1 1 1 1 1 1 1	0 2 1 1 1 1 1 1 1 1	1 2 1 1 1 1	1 2 1 1 1 1 1 1 1 1	1 2 1 1 1 1 0	1 3 1 1 1 1 0	1 3 1 1 1 0 0	1 3 1 1 1 0 - 4	0 2 1 1 1 0 1 0 1
MEAN	t	1	1	1	1	1	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. "...." INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT . NITROGEN OXIDES . CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAR HOUR Q 12 13 14 17 18 DAY 21 22 23 24 MEAN DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE 7 8 - DATA UNAVAILABLE 12 13 14 15 16 17 18 19 DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE 22 23 24 25 26 27 28 DATA UNAVALLABLE DATA UNAVALLABLE DATA UNAVALLABLE 1 3 5 2 2 1 2 7 2 4 2 3 2 2 2 2 2 3 2 MEAN 2.0 PERCENTAGE OF DATA VALID - 23.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 76.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - O.O. PARTS/MILLION EXPERIMENTAL FARM SIMCOE MONTH - APR STATION - WC NO 22071 24 MEAN HOUR 1 2 3 4 1 3 2 2 2 2 3 4 3 3 3 3 4 3 4 4 12 13 14 15 16 17 18 3 4 3 4 2 4 3 2 2 5 2 3 4 2 4 2 2 4 2 6 2 5 2 22 23 24 3 2 2 4 2 3 2 1 1 2 2 2 2 1 2 2 2 2 0 2 2 26 27 UNAVAILABLE DATA DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE MEAN 2.5

PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA VALID - 77.5

PERCENTAGE OF DATA UNAVAILABLE - 22.5

- * * INDICATES DATA 15 UNAVAILABLE 2.
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUL 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 12 13 14 15 16 17 18 19 20 2 2 4 3 22 23 24 25 27 28 MEAN

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID + 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "..." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- 1	ITROC	SEN OX	IDES	- CHE	MILUMI	NESC	CENT			ι	NITS	- 0.0	1 PAI	RTS/M	LLION	ŧ						
	STA	TION -	WC	NO 2	2071	Ε	XPERI	MENTAL	FAF	RW SIMO	COE					MON	тн ,	DUA	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	4	4	3	3 3
2	4	5	3	3	3	3	4	3	3	3	3	3	3	3	2	2	2	2	3	4	4	3	3	3	3
3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3
4	3	2	2	2	2	3	3	2	2	2	2	2	3	2	2	2	2	2	3	3	3	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Y.	3	4	3	3	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
в	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2		-	20	-	50		-	7		•		- 2	-	•	-	- 2			(15)		-	- 5	•	
10			*	di			20			117	•	5	5	3	3	3	3	3	3	3	3	3	2	2	•••••
1.1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	2	2	2	2	2	2
15	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	5	4	4	4	3	3	2
16	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	1	1	2	2	2	2	3
17	2	2	2	2	2	1	1	1	1	1	1	1	2	1	ī	1	1	1	1	,	1	- 1	- 7	1	ĭ
18	2	2	2	2	2	2	3	3	3	-	2	1	2	1	1	1	1	1	- 1	2	3	3	3	2	2
19	2	3	2	2	2	2	2	3	2	3	2	2	2	1	1	1	1	2	1	- 7	1	ī	ī	1	2
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	ī
21	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	30	1	1	,	2
22	1	1	1	1	3	1	1	1	1	1	1	1	1	1	î	1	1	1	2	2	4	1	2	•	7
23	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	2	,	3	3	3	2
24	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	1	1	1	- 3	1	1	1	2	2
25	2	2	2	2	2	2	1	1	1	1	3	1	0	0	0	0	0	0	0	2	0	o	0	0	1
26	1	1	1	1	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	ō	0	ō	ō	ō	0
27	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	o	0	o	0	ō	0	0	Ö
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	.1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
31	1	1	1	1	1	1	1	1	1	1	×	2	2	2	1	2	1	2	2	2	3	3	2	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 5.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. " ... INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		ATION			GEN 0: 22071		EXPER				HCCE							ILLIO							
							LAFE	IMENI	AL FA	HIM 21	MCGE					MON	TH - 1	VOV	77						
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	15	15	15	15	15	15	15	15	15	15	14	14	15	17	18				16	15	16	1
2 3 4 5 6 7 8 9	16	16	16	16	16	18	18	19	20	17	16	15	13	13	13	14	15	17	18	19	16	19	19	19	1
3	19	18	17	16	16	14	14	13	12	120	9	15	-	1.0			13	4	1.0	11	10	19	13		
4												- DATA	UNA	VAILA	BLE										
5												- DATA													
6												- DATA	UNA	VALLA	BLE										
0												- DATA													
0												- DATE													
10												- DATA													
1.0												- DATE	L UNA	VAIL	BLE										
11												180 10182-1	1000117												
12												- DATA													
13												- DATA	Uria	VALLA	BLE										
14												- DATA	Ur.A	VALLE	BIE										
15												- DATA	UIIIA	VALLE	BIE	-									
16												- DATA	LINA	VALLA	DIE										
17												- DATA													
18												- DATA													
19												- DATA													
20												- DATA	UNA	VAILA	BLE										
21												- DATA	UNA	VALLA	BIE										
22												- DATA	U.A	VALLA	BIF										
23												- DATA	UNA	VALLA	BIF										
24 25												- DATA	UNA	VALLA	BLE .										
25												- DATA													
27												- DATA	UNA	VALLA	BLE .										
28												- DATA													
29												- DATA													
30												- DATA	UNA	VAILA	BLE .										
EAN	16	16	16	16	16	16	16																		
and the second			. 0	. 0	10	10	10	16	16	16	16	15	14	14	14	15	16	18	18	18	17	18	17	18	15.

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	T - N	ITRO	GEN O	XILES	- СН	EMILU	MINES	CENT			1	UNITS	. 0	01 PA	RTS/M	ILLIO	N						
	ST	ATION	· wc	NO	29008		NORTH	PARK	HAMI	LTON						MON	TH - ,	JAN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19.	20	21	22	23	24	MEAN
91	10	10	1.1	7	4	3	3	3	5	6	9	13	15	15	13	13	12	12	13	20	202	12	15		9121
2	10	10	9	8	8	9	7	6	8	13	14	17	21	22	24	23	20	18	17	17	14	12	18	12	10
3	14	14	13	11	12	17	20	35	34	30	29	25	26	30	30	35	35	29	24	22					15
4	14	14	10	16	17	16	20	31	25	23	25	21	20	25	26	25	28	27	31	28	20	19	18	16	23
5	17	19	13	1.1	12	18	31	47	42	35	27	35	19	8	27	23	15	15	9		23	17	23	19	22
6	36	22	18	19	20	32	34	43	50			38	36	34	37	34	39	36	24	12	В	7	6	6	19
7	16	14	14	1.1	11	14	19	24	23	16	15	15	16	15	14	15	19			19	18	19	17	19	29
8	15	18	14	7	6	8	13	24	30	28	29	23						16	15	13	12	1.1	13	17	15
9	В	8	5	2	2	2	3						23	19	18	17	18	19	16	15	12	8	13	15	17
10	1	1	5	1	- 1	2	2	5	8	1	1	1	1	2	3	3	3	3	4	4	0	0	0	0	3
10		19	120	:30	3	2	2	2	1	4	1	1	2	5	5	4	4	2	2	3	2	2	3	6	2
1 1	5	5	5	3	5	4	3	5	7	4.	8	6	1.1	13	13	13	16	18	1.1	12	12	14	1.4	13	9
12	10	9	7	6	9	1.1	14	14	17	17	18	13	13	13	14	15	16	22	20	19	14	14	14	13	14
13	14	14	14	13	9	13	23	37	40	34	30	29	29	28	29	33	40	30	29	18	8	14	24	27	24
14	21	24	16	16	17	22	42	57	71	56	49	64	36	13	9	9	8	17	34	71	51	35	30	27	33
15	27	26	18	12	8	8	12	14	16	20	22	21	18	19	17	16	14	11	10	9	7	5	5	6	
16	6	9	9	9	7	7	5	4	4	5	9	7	7	10	10	14	13	12	14	15	14		7	5	14
1.7	5	6	6	8	10	16	20	19	19	19	19	19	21	10		6	8					9			9
18		-		~			20				32	25	21		6			8	2	4	5	8	9	12	1.1
19	15	9	13	10	8	1.1	16	25	25	25	26			21	21	24	22	16	9	13	1 1	12	15	16	• • • • • •
20	10	10	10	14	12	13	17	21	27	28	28	29	26	30 29	29 27	25 28	27 28	21	22 26	15 25	13	13	16	13	19
21	21	17					20																		
22	22	18	18	17	18	18	22	28	29	29	23	19	20	23	28	29	31	37	36	25	21	17	14	17	23
			14	9	7	6	7	9	8	10	14	15	14	13	16	15	13	15	15	12	13	10	9	12	12
23	13	13	13	9	6	5	7	7	8	13	15	17	18	19	24	27	28	22	24	24	25	20	17	17	16
24	16	15	15	15	15	16	21	29	36	31	30	33	32	31	37	44	51	48	46	35	34	33	26	23	30
25	21	19	21	22	36	60	68	66	74	54		-	III	1/45						2.00		(4)	*		
26												- DA	TA UN	AVAIL.	ABLE	•									
27			*	101	*	*	÷		-	100			1.0			18	22	24	22	18	15	15	15	15	
28	14	13	13	14	15	14	12	14	16	24	52	46	37	25	18	12	9	10	8	7	8	8	6	4	17
29	4	4	4	4	4	4	5	4	6	8	10	12	14	14	12	1.1	10	10	10	11	10	1.1	10	11	8
30	14	19	22	24	24	31	38	46	52	59	53	54	48	40	39	38	41	43	42	47	49	49	47	44	40
31	42	38	36	38	46	51	54					*		>00	2		16	12			-		×	9	
MEAN	15	14	13	12	1.2	15	19	23	25	22	23	23	21	19	20	20	21	20	19	19	16	15	15	15	18.3
PERCENT		DF DAT						PERCE						0.0		PEI	RCENT	AGE O	F DATA	UNA	VAILA	BLE -	11.3		

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - N	ITRO	GEN OX	IDES	- сн	EMILUN	INES	CENT			1	UNITS	٠ ٥.	01 PA	RTS/M	ILLIO	N						
	STA	TION	- wc	NO :	29008		NORTH	PARK	IMAH	LTON						MON	тн -)	FEB	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DAT	A UN	AVAIL	ABLE	2									
3												- DAT													
3												- DAT	4 UN	AVAIL	ABLE	9									
4												- DAT	A UN	AVAIL	BLE	W.									
5.												- DAT	A UN	AVAIL	ABLE	9									
6												- DAT	A UN	AVAIL	ABLE	in.									
7 8 9												- DAT	A UN	AVAIL.	ABLE	*									
8												- DAT	A UN	AVAIL.	ABLE										
9												- DAT	A UN	AVAIL	ABLE										
10												- DAT	A UN	AVAIL	ABLE	*									
1.1												- DAT	A UN	AVAIL	BLE										
12												- DAT	A UN	AVAIL	BLE	×									
13												- DAT	A UN	AVAIL.	ABLE										
14												- DAT													
15												- DAT	A UN	AVAIL	ABLE	5									
16												- DAT													
17												- DAT													
18												- DAT													
19												- DAT													
20												- DAT	A UN	AVAIL	ABLE	×.									
21												- DAT	A UN	AVAIL	BLE	ŧ									
22			(*)		*	-	200	(#C	*		-			•			9	6	6	5	5	5	9	1.1	*****
23	10	8	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.	2
24	1		1	1	1	1	1	2	3	2	17 9 3	2	2	20	23	6	9	20 19 8 9	15 17 2	15	18	13	12	13	8
25	14	10	8	8	8	B 3 1	10	18	18	18	17	12	12	15	16	18	21	19	17	13	1.1	12 2 8	11 2 8	11	14 7 6
26	10	5	4	3	3	3	4	6	7	10	9	11	1.1	11	14	19	29	8	2	2	9	2	2	5	7
27	1		1	1			1	1	1	1	3	14	14	17	12	12	10	9	10	9	9	8	8	5	6
28	5	6	7	5	2	4	12	20	22	20	15	14	13	12	1.1	14	16	18	16	14	12	1.1	12	11	12
MEAN	7	5	4	3	3	3	5	8	9	9	8	9	9	13	13	12	14	12	10	8	8	7	6	ь	ō.i

PERCENTAGE OF DATA VALID - 22.6 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 77.4

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	LUTAN	T - N	HITRO	GEN OX	IDES	- CH	EMILLU	MINES	CENT			L	NITS	- 0.0	DI PAR	RTS/M	LLIO	u						
	ST	ATION	- WC	NO	29008	1	NORTH	PARK	IMAH	LTON						MON	TH - 1	YAN	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	91	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	12	7	7	7	В	1.1	7	9	4	3	5	3	3	10	16	17	19	20	20	19	20	20	15	12
2	12	12	12	14	1.1	4	9	27	26	-			24	24	25	29	26	24	21	17	16	16	17	17	18
3	8	3	2	2	2	2	4	4	2	2	2	2	2	1	1	1	1	1	2	2	2	1	2	3	2
4	2	1	2	4	3	3	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2
5	1	1	1	1	2	2	2	2	4	2	2	2	2	2	2	2	2	1	2	2	3	3	2	-1	2
6	1	7	10	9	12	15	32	35	27	25	22	18	19	20	21	21	20	23	26	17	22	18	15	6	18
7	3	2	2	1	1	11	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	В	13	10	3
В	7	6	5	8	9	10	12	12	13	13	13	13	12	14	15	12	15	15	16	15	4	2	5	2	10
9	1	1	11:	1	3	4	2	1	3	2	3	2	4	5	3	4	4	5	3	2	2	2	2	2	3
1.0	1	4	2	4	4	1.2	7	3	2	2	7	5	16	19	20	7	9	2	4	24	18	13	15	10	9
11	7	7	6	7	5	22	27	36	18	6	4	4	3	2	3	3	25	20	18	20	24	27	24	15	14
12		-			+		25.		-		30	27	23	29	34	23	22	18	17	15	15	18	17	15	
13	13	10	7	9	10	1.9	39	16	5	4	4	4	4	5	10	23	23	29	26	28	22	20	22	16	15
14	11	10	7	4	6	7	3	3	3	3	3	2	2	1	2	2	2	2	2	3	3	3	4	4	4
15	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	12	26	24	34	19	6
16	17	12	12	13	13	26	1.1	8	8	7	5	5	5	4	3	3	14	27	20	20	19	21	18	17	13
17	14	14	1 1	11	14	22	29	36	35	31	26	22	22	22	22	31	29	26	25	18	17	18	18	17	22
18	13	11	10	10	14	27	33	31	26	23	22	21		25	23	27	25	24	25	24	23	30	19	5	21
19	4	4	4	3	3	8	38	11	6	6	4	5	4	3	3	3	3	12	21	20	21	21	20	16	10
20	15	10	11	12	21	29	58	28	9	4	4	4	5	4	3	3	3	4	8	3	2	2	2	2	10
21	1	2	1	2	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
22	1	2	2	2	2	2	2	2	7	15	15	16	15	16	15	2	2	2	2	2	2	3	3	2	6
23	2	2	1	1	1	2	2	2	3	4	5	15	20	15	24	26	29	22	29	27	25	23	23	22	14
24	13	13	13	13	19	32	43	44	27	15	7	5	5	17	30	41	24	9	19	22	16	22	20	15	20
25	16	14	12	15	16	20	27	29	29	21	5	4	4	3	3	3	3	2	2	3	3	3	3	3	10
26	2	2	2	2	3	3	3	4	4	4	3	2	1	1	1	1	2	3	2	2	3	10	14	8	3
27	3	7	10	10	13	12	46	37	23	13	3	15	27	27	26	21	22	31	36	29	29	27	30	23	22
28	20	18	18	16	14	17	18	18	21	22	20	18	16	17	18	23	26	19	6	4	3	3	2	2	15
29	2	2	2	2	1	11	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1
30	3	6	7	11	8	5	4	5	4	2	2	2	1	1	1	1	2	1	1	2	2	5	6	5	4
31	6	6	6	5	2	3	6	3	3	3	3	2	2	2	2	2	2	2	2	3	5	2	10	12	4
MEAN	7	7	6	7	7	11	16	14	11	8	8	8	8	9	11	11	12	11	12	12	11	12	12	9	10.0

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - 1	ITRO	GEN OX	IDES	- CHE	MILUM	INESC	ENT			Α,	JNITS	- 0.0	01 PAF	RTS/MI	LLIO	N						
	STA	TION	- wc	NO	29008	,	NORTH	PARK	HAMI	TON						MONT	гн	JUN	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	9	7	4	3	3	2	2	9		17	17	16	13	15	17	21	18	16	13	14	15	15	16	16	12
2	12	9	В	8	12	16	20	23	16	16	17	20	21	20	23	27	27	19	13	13	16	В	15	15	16
3	11	9	7	7	9	16	28	35	28	6	4	3	4	9	28	28	25	31	25	25	22	11	17	17	17
4	18	12	10	9	12	12	19	18	18	18	14	18	15	18	20	24	22	17	19	18	17	16	16	15	16
5	16	13	7	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	26	25	24	13	3	7
	4	4	3	2	3	9	6	2	2	4	4	18	29	18	12	3	2	8	12	7	6	7	6	8	7
6 7	5	4	2	5	7	16	26	22	26	25	24	21	19	21	23	12	27	21	16	15	11	9	10	В	16
8	6	5	5	4	7	13	18	21	-	18	18	19	20	21	26	22	22	19	17	17	16	4	3	3	14
9	3	2	2	2	2	2	4	3	2	1	1	1	1	1	1	1	1	15	3	2	2	3	3	2	3
10	1	ī	î	7	ī	2	4	5	4	4	7	3	2	2	2	2	2	2	3	28	24	18	19	10	6
1.1	15	16	8	9	11	16	16	17	24	12	2	2	2	2	2	2	11	11	4	8	11	5	9	5 2	9
12	3	3	5	4	4	5	7	9	B	2	2	2	3	3	3	3	3	3	3	2	5	4	3	2	4
13	2	2	2	2	2	3	3	3	4	5	3	2	2	1	1	1	1	1	1	1	2	3	4	4	2
14	5	5	3	2	1	1	3	3	2	2	1	1	2	2	2	2	2	2	2	3	3	14	10	4	3
15	2	2	2	2	2	3	3	4	4	5	5	3	2	1	1	1	1	2	2	2	2	2	2	2	2
16	3	3	2	1	2	4	3	7	7	2	2	2	2	2	1	2	2	2	3	3	2	1	2	2	3
17	4	4	5	7	9	22	23	31	21	18	18	18	20	20	23	23	26	30	35	44	22	9	12	9	19
18	23	18	14	11	10	12	12	20	18	19	18	17	16	13	14	16	13	12	12	14	14	9	1.1	10	14
19	10	9	7	5	6	6	7	В	9	9	10	12	1 1	10	12	12	13	18	24	33	30	27	20	13	13
20	10	9	9	10	13	27	36	28	23	24	22	21	22	17	15	17	16	17	15	16	15	15	13	10	18
21	7	7	6	6	7	14	23	30	16	7	4	4	9	8	18	28	22	21	18	16	14	13	13	9	13
22	9	8	6	4	8	14	22	33	13	4	3	4	3	3	2	2	2	2	2	2	2	2	5	10	
23	12	7	6	4	5	4	5	5	5	5	4	4	3	2	2	2	2	2	2	2	5	3	5	12	4
24	17	16	15	13	14	10	9	8	7	5	4	3	3	3	15	20	19	17	18	16	15	15	14	15	12
25	15	13	8	6	8	5	4	4	10	10	7	5	4	4	4	12	21	18	5	5	8	23	20	13	10
26	8	9	6	4	4	5	8	10	7	4	4	4	3	3	4	4	4	16	17	20	24	22	20	17	9
27	14	11	9	9	10	18	28	32	31	31	27	28	30	32	29	35	28	26	24	18	10	9	5	5	21
28	6	8	7	7	6	7	7	9	6	4	12	28	25	26	27	28	28	25	26	25	16	14	14	15	16
29	1.1	8	6	6	10	20	25	22	17	15	15	15	15	15	17	18	18	16	15	14	13	12	12	9	1.4
30	8	7	7	13	22	29	36	41	31	25	25	22	18	22	23	23	23	24	20	25	24	17	12	12	21
MEAN	9	В	6	6	7	11	14	15	13	11	10	11	11	1.7	12	13	13	14	12	14	13	11	11	9	11.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - SEP 77 HOUR DAY 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 2 16 3 2 1 2 14 2 1 2 1 2 4 5 19 2 2 2 20 12 2 20 2 16 15 3 10 6 8 3 21 4 13 2 17 2 4 4 2 20 2 2 2 3 21 3 3 21 2 1 1 1 2 1 18 2 12 13 14 15 16 17 18 19 20 16 2 23 32 15 6 2 18 16 5 18 3 19 15 1 3 12 3 9 14 6 2 16 2 17 2 13 1 5 5 4 3 14 18 4 5 9 1 13 13 6 1 3 18 2 4 10 2 18 19 3 19 12 15 13 15 4 20 19 3 1 16 5 2 1 22 23 24 25 26 2 1 2 2 1 2 2 1 9 6 13 9 4 25 25 29 33 19 25 20 22 25 27 28 30 11 11 MEAN 1.1 R 8.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAG

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTAN	1T - N	NITRO	GEN O	XIDES	- CH	EWILU	MINES	CENT				UNITS	- 0.	01 PA	RTS/M	ILLIO	N						
	ST	ATION	- wc	NO	29008		NORTH	PARK	IMAH	LTON						MON	TH -	OCT	77						
HOUR	,	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
.1	3	1	1	1	11	1	5	1	70	1	1	1	4	4	3	2	2	3	2	1	1	1	1	1	2
2	1	1	1	1	1	1		1	3	4	5	4	1	1	3	2	12	27	7	26	20	18	19	10	7
3	7	5	5	7	1.1	21	28	31	28	15	3	10	18	20	15	23	25	19	14	9	10	10	9	8	15
4	5	5	5	5	6	13	22	22	19	19	18	17	16	16	22	26	22	20	18	21	23	22	20	21	17
5	14	18	1.1	13	21	30	45	47	32	30		24	23	19	21	25	24	21	17	15	16	18	17	16	22
6	В	7	6	7	10	20	29	32	26	25	22	23	24	23	25	30	33	23	19	18	22	17	16	10	
7	В	1.1	9	3	1	2	4	5	6	1	1	1		-7	1		1	1	1		22				20
В	2	2	2	2	2	1	2	2	2	2	4	5	20	18	18	19	19	18	14	12	10	9	9	2	3
9	8	6	7	3	4	6	10	10	12	15	17	16	18	19	20	15	14	16	16	15				9	8
10	10	8	7	8	6	В	9	13	13	15	17	22	20	19	25	26	21	27	26	26	15	15	13	12	13
								14.14			31151				- 3	20		21	20	20	21	32	30	20	18
1 1	15	6	3	2	13	1.1	21	17	3	19	22	20	22	22	24	26	16	16			2.2	2502	2.2	952	92
12	10	11	12	9	13	19	24	29	-	17	14	15	16	17	18	21	20	18	16 15	13	15	17	16	14	15
13	9	7	5	9	13	25	42	58	8	4	5	5	10	3	3	3	3	4	15	9	14	1.1	1.1	10	15
14	7	10	1.1	18	23	21	77	65	45	8	5	3	3	5	3	3	3	3		6	8	20	29	17	13
15	18	13	10	1.1	9	17	21	36	31	26	13	7	6	6	6	3	7		9	15	20	34	37	26	19
16	9	5	3	1	1	1	1	2	2	1	1	3	7	3		- 4		31	18	7	4	4	9	10	14
17	2	1	3	4	9	16	27	24	19	15	16	14	16	19	19	5 23	В	10	5	3	4	2	4	2	4
18	21	16	10	1.1	11	31	37	36	33	27	25	22	25	32		30	22	17	13	18	22	25	26	24	16
19	15	8	7	1.1	4	4	10	22	19	23	7	5	8		30		35	31	28	23	30	22	16	13	25
20	10	11	6	7	10	19	25	27	22	29	40	27	34	15	18	22	19	11	4	5	10	20	14	15	12
						, ,		21		25	40	21	34	26	30	31	32	25	20	15	24	21		+	22
21	12	1 1	12	15	21	29	37	42	32	29	25	22	21	25	26	29	26	29	27	25	24	24	20	16	24
22	14	1.1	10	8	10	12	14	14	14	16	21	10	5	3	14	12	4	9	5	3	2	2	2	2	9
23	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	•	•	1	1	1	•	1	3
24	1	8	В	8	12	7	9	10	10	10	10	12	9	4	5	4	3	3	5	9	18	15	18	18	
25	16	10	1.1	15	19	17	15	24	30	27	25	26	27	13	10	10	10	6	7	5	5	6	3	4	9
26	13	10	10	13	15	28	35	45	53	12	27	32	7	24	36	36	30	32	27	22	23	25	26	22	14
27	18	17	13	12	15	31	45	51	60	43	12	8	7	22	41	41	31	31	23	19					25
28	12	9	5	7	13	23	22	18	35	10	8	10	7	6	5	3	2	3	6	10	19	14	20	17	25
29	3	3	3	3	3	3	3	4	5	6	5	5	2	ĭ	1	,	1	,	٠		21	9		3	10
30	12	12	10	9	9	6	4	3	3	3	3	2	1	,	1		1		- 1	2	7	7	6	10	4
		, gr. T			-				-		-					,			,	1	1	1	2	2	4
31	3	2	2	3	3	3	3	6	4	2	22	23	28	13	2	2	3	4	7	15	13	11	9	10	8
MEAN	9	8	7	7	9	14	20	23	19	15	13	13	13	13	14	15	15	15	12	12	14	14	14	12	13.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - O OI PARTS/MILLION

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 77 6 7 8 9 10 11 12 13 14 16 17 18 HOUR 19 20 21 22 23 24 MEAN 4 14 9 22 15 9 15 7 13 17 10 26 25 18 20 10 23 29 11 16 2 12 8 2 14 7 16 10 20 9 11 8 10 22 18 15 14 36 10 10 14 9 11 2 13 19 12 12 13 11 12 10 3 11 12 19 12 5 17 10 11 10 15 22 11 15 2 6 28 7 10 21 7 10 2 4 22 7 22 7 7 16 2-1 7 11 5 3 9 13 2 8 12 13 14 15 16 12 16 24 7 3 11 15 15 10 17 16 9 3 10 10 13 5 9 14 16 8 4 9 9 1 1 1 1 15 24 10 15 19 5 3 9 11 14 9 19 8 4 7 28 9 5 13 10 8 21 9 25 7 5 26 5 22 9 4 11 9 12 19 7 21 5 5 2 6 7 16 9 3 19 9 3 20 8 5 5 5 5 5 12 6 13 22 6 22 10 9 10 8 13 7 5 8 3 11 18 9 10 8 15 7 7 14 10 7 21 4 8 17 19 7 16 19 13 8 13 13 23 12 12 10 15 11 14 14 14 13 12 6 24 13 17 10 19 9 7 9 4 21 12 15 13 11 B MEAN Q 8.8

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE 2.

3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION BARTON/WENTWORTH HAMILTON STATION - WC NO 29025 MONTH - FEB 77 HOUR 8 9 10 1.6 14 9 15 4 10 13 8 10 5 14 9 34 10 13 12 14 28 13 9 16 10 12 14 11 15 12 13 10 32 11 19 18 13 3 13 3 12 13 14 15 16 17 12 1 4 6 5 6 10 12 6 4 6 2 14 12 18 14 9 16 9 10 14 12 7 1.0 22 23 24 10 8 9 27 8 3 17 6 5 13 34 7 20 10 2 7 7 26 27 MEAN 7.8

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE . O.O.

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR HOUR 20 21 22 23 24 MEAN DAY 22 12 29 13 16 4 13 5 15 11 4 6 9 5 8 13 10 23 7 15 13 4 4 13 10 2 9 10 2 1 2 2 12 14 12 10 11 10 2 6 8 11 13 12 12 10 13 19 15 12 13 14 15 16 17 18 12 6 7 6 4 5 11 6 9 5 10 3 8 11 3 14 9 11 14 7 9 22 23 24 25 26 27 2 9 7 2 8 4 9 9 5 6 9 13 18 10 12 12 3 B 10 6 5 9 10 8 7 7 19 13 31 9 17 14 MEAN В 1.1 1.1 9.6

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. " ---- INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - D.O1 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR HOUR B 9 10 1.1 24 MEAN DAY 14 1 10 14 4 9 10 14 4 10 7 6 10 3 8 10 2 11 B 12 8 12 11 4 10 16 2 9 10 12 13 14 15 16 17 18 19 20 1.7 12 9 10 10 27 13 12 10 22 6 10 15 11 22 17 26 11 23 25 8 10 22 13 28 11 22 21 22 16 5 6 24 19 10 11 19 11 10 13 20 15 21 9 17 16 29 12 24 10 11 11 12 21 20 26 17 24 10 24 18 15 21 12 16 15 22 38 18 17 19 16 20 18 22 23 24 21 10 10 11 13 10 11 7 15 11 12 10 8 9 12 5 17 9 11 10 9 15 6 17 5 12 9 16 10 9 9 10 2 9 10 4 12 8 9 12 6 7 6 9 12 6 6 10 11 7 12 2 6 10 12 6 7 9 12 4 10 9 8 10 3 5 4 26 27 MEAN 9.5

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 5.4

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 77 HOUR 6 7 8 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 MEAN 4 3 5 2 5 8 2 1 5 1 0 5 3 11 10 5 17 11 12 10 9 12 7 5 18 10 6 2 13 6 7 12 15 8 1 4 10 6 13 12 12 16 7 14 14 13 9 17 7 10 11 12 9 17 2 5 13 11 10 9 4 8 1 3 9 1 1 5 1 4 7 4 9 3 2 4 B 11 12 16 7 1 11 7 6 13 13 11 9 2 4 9 7 8 13 13 11 3 8 7 9 11 11 12 2 4 12 11 11 10 15 7 12 5 18 12 17 8 7 10 5 15 13 10 9 16 14 10 10 14 15 9 8 10 15 15 7 3 5 12 13 4 3 11 12 13 4 8 4 10 12 13 2 13 12 17 5 8 5 6 7 8 9 10 5 13 15 5 12 13 14 15 16 17 18 19 20 5 3 11 7 12 3 7 4 10 8 7 8 4 4 10 6 4 10 8 4 16 9 4 5 10 9 4 9 9 5 7 3 11 9 7 12 9 5 12 9 9 3 9 10 5 13 10 7 3 8 6 12 10 5 3 11 10 6 11 8 12 11 6 6 12 12 8 10 9 8 6 7 6 14 4 10 9 7 7 11 12 11 7 8 12 16 7 9 13 10 4 13 12 13 9 3 14 11 11 7 6 6 10 6 12 6 7 6 6 5 8 6 2 3 2 6 3 2 4 22 23 24 25 26 27 28 29 30 3 6 4 9 7 15 14 17 6 1 5 6 1 2 3 6 8 2 2 11 4 11 7 7 9 6 6 10 11 21 5 8 3 7 4 4 5 5 3 3 9 13 1 5 11 22 9 13 5 8 11 3 6 20 17 6 15 18 14 10 7 MEAN 7.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. """ INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTAN	r . b	ITRO	GEN O	XIDE S	- CH	EMILU	MINES	CENT				UNITS	- o.	01 PA	RTS/M	ILLIC	N						
	51	ATION	wc	NO	29025		BARTO	N/WEN	TWORT	н нам	LTON						тн -		77						
DAY	1	2	3	4	5	6	7	В	9	10	3.3	12	13	14	1,5	16	17	18	19	20	21	22	23	24 h	IEΔN
1	3	2	2	2	2	3	3	3	3	3	3	_													
2	8	5	3	3	4	10	16	17	13	11	10	2	1	0	1	. 1	1	1	1	3	7	8	13	9	3
3	6	4	3	3	5	9	12	17	16	13	11	9	10	10	1.1	1.1	В	5	8	8	8	13	11	7	9
4	2	1	1	1	2	6	11	14		13		9	10	1.1	13	12	В	8	8	10	9	11	11	7	9
5	10	7	5	2	3	6	10	12	10	40.00	10	7	В	8	9	9	8	8	8	11	10	8	8	7	7
6	5	4	2	2	2	3	3	5		10	9	8	9	8	9	10	7	6	7	8	7	6	5	6	6
7	5	4	7	6	10	11	10	10	6	7	4	4	2	4	2	5	11	1.1	8	8	3	3	5	5	
8	3	2	á	2	3	6	13		9	6	7	8	10	9	10	9	12	10	9	5	9	10	8	4	9
9	3	2	•		3			12	1.1	11	10	10	12	16	15	16	14	9	1.0	11	9	6	9	3	0
10	10	10	10	4	3	11	16	12	10	10	10	10	12	12	10	10	10	9	10	9	13	9	10	9	9
		10	10	4	3	5	14	19	16	10	10	9	13	9	9	10	7	4	5	6	6	7	8	7	9
11	4	3	2	2	3	10	12	13	13	10	8	6	7	7			-								
12	6	2	2	1	2	6	10	12	9	9	8	7	8	9	1.1	12	9	6	10	8	9	8	8	7	8
13	7	5	4	2	2	5	9	8	7	6	5	6	5		10	9	7	6	7	9	8	7	8	6	7
14	4	2	1	1	1	1	1	1	,	0	-		2	5	5	4	3	3	5	6	6	5	4	3	5
15	7	5	4	5	5	14	20	18	12	В	6	5	7	3	1	- 1	0	0	1	3	4	2	7	8	2
16	7	7	9	8	8	В	12	18	14	8	11			- 2	2	2	5	4	6	10	10	7	7	6	8
17	5	3	2	1	ĭ	4	6	6	5	3	3	10	10	9	9	10	8	10	9	1.1	10	14	14	7	10
18	2	1	1		1	3	7	6	4	4	3	4	2	3	6	4	3	4	5	8	7	7	4	3	a
19	10	8	6	5	6	14	21	25		10		3	3	3	5	5	3	3	3	7	10	11	13	10	5
20	5	3	3	5	2	3	3	5	18 5		9	5	9	в	9	9	1.1	5	5	5	4	4	4	5	9
7474					•	3	3	3	5	2	2	2	2	3	2	3	5	5	5	6	5	7	9	11	4
21	17	13	15	13	5	7	10	12	10	8	7	7	7	6	7	7	7				16.00	900	10.1		
22	2	2	1	1	2	6	6	7	4	3	5	4	5	5	В	9	6	9	8	10	5	6	7	4	9
23	2	2	1	1	2	6	7	4	7	3	3	4	3	2	3	14	5	4	6	10	8	5	5 2	3	5
24	3	4	5	4	2	3	6	7	6	3 3 5	3	2	2	2	2	2	-	4	2	3	3	4	2	2	4
25	7	4	4	3	3	10	13	1.1	5	3	6	6	12	14	11		-2		2	5		10	8	7	4
26	26		14	13	16	29	22	22	21	13	16	13	14	13	12	12	11	10	12	1.1	9	9	16	17	9
27	19	21	18	16	14	14	11	12	6	13	6	6	6				11	9	13	10	9	8	14	25	16
28	3	3	2	2	2	2	2	2	6	2	2	2	2	5	5	5	5	4	5	6	6	5	4	3	9
29	2	2	1	1	2	6	8	9	6	4	6				2	2	2	4	7	9	9	5	4	2	3
30	3	5	5	4	3	4	4	3	٠	5	•	6	10	В	10	8	7	7	4	2	2	2	2	4	5
		-			///		- 7		-	3	27	J	6	12	12	13	12	11	8	9	12	11	13	14	8
31	10	9	6	5	5	8	7	7	11	13	18	15	18	14	15	14	14	12	17	13	11	9	8	5	11
MEAN	7	5	5	4	4	В	10	11	9	7	7	6	7	7	8	8	7	6	7	8	8	7	В	7	7.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN CXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 77 HOUR 7 8 9 10 1.1 12 13 14 15 19 20 21 22 23 24 MEAN 17 18 53 38 38 24 30 13 30 2 17 38 30 39 30 14 19 4 23 19 23 7 20 12 5 9 49 55 11 5 7 6 4 24 4 5 9 47 7 5 57 19 8 5 5 18 7 8 8 6 9 10 9 14 12 11 10 10 9 10 7 1.3 12 13 14 15 16 17 18 19 20 15 11 18 10 8 11 7 5 16 12 15 6 9 10 9 8 9 16 12 16 15 11 9 11 6 10 15 11 13 15 12 15 7 15 14 13 8 9 14 16 12 9 10 12 8 13 18 9 20 22 23 24 25 26 27 28 29 30 5 15 9 13 14 10 12 2 5 22 9 6 25 9 17 3 20 6 32 12 4 25 7 13 1 3 7 14 9 7 7 10 3 6 10 17 19 13 16 16 MEAN 10.2 PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 77 HOUR 9 10 13 14 24 MEAN 5 7 5 8 7 12 10 7 9 9 7 17 5 2 14 5 2 14 6 7 12 8 13 25 6 9 7 9 12 8 13 9 15 9 10 5 4 6 8 12 13 14 15 15 25 14 25 17 24 14 12 14 14 12 4 5 14 10 13 12 18 16 13 5 6 17 14 18 9 17 9 4 13 19 45 14 15 7 14 9 5 11 12 23 14 10 12 9 15 11 5 22 11 12 6 9 8 11 5 15 17 6 8 9 10 7 5 8 13 13 12 9 4 8 12 16 16 20 15 9 5 14 20 15 18 11 14 9 5 8 20 17 6 5 5 10 8 5 13 8 10 25 32 12 22 23 24 7 12 3 7 7 7 10 13 2 5 8 9 4 9 6 8 14 2 10 13 14 3 13 2 5 10 2 3 6 7 25 27 23 MEAN B 8.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVALIABLE . D.5

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 G7 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 77 HOUR DAY 19 20 21 22 23 24 MEAN 6 7 8 9 10 11 13 14 15 16 17 B 12 5 5 9 4 B 10 9 9 9 6 9 7 6 7 10 5 5 6 6 4 4 10 4 6 12 13 14 15 16 17 8 6 29 6 6 18 4 23 6 4 11 4 5 4 6 3 4 22 6 11 10 5 7 6 MEAN 6.6

PERCENTAGE OF DATA INVALID - 0.0 NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE . 2.

PERCENTAGE OF DATA VALID - 99.3

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 77 16 17 18 21 22 23 В 9 10 11 12 13 14 HOUR 4 8 4 5 16 12 13 3 5 12 10 6 10 10 10 10 6 8 В 12 13 14 15 16 17 18 19 20 8 6 4 - DATA UNAVAILABLE 4 B 7 5 4 10 5 4 B 2 4 6 8 4 22 23 24 25 26 27 5 6 4 5 10 10 4 3 10 3 11 3 5.9 MEAN

PERCENTAGE OF DATA VALID - 85.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 14.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN GXIDES - CHEMILUMINESCENT UNITS - D.O1 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 77 HOUR DAY 19 20 21 22 23 24 MEAN 7 8 9 10 11 16 17 18 2 3 4 5 6 7 8 9 -4 12 7 3 3 4 4 6 6 6 7 3 3 2 4 4 6 6 22 4 13 11 37 4 6 3 4 14 3 6 2 3 3 5 2 3 12 13 14 15 16 17 18 19 20 23 5 4 7 9 4 4 11 12 5 8 13 9 8 4 4 5 1 9 6 8 B 5 7 5 10 11 7 4 8 7 13 4 7 5 9 12 6 4 11 10 3 5 3 4 4 9 5 2 2 3 13 4 4 13 13 8 6 19 6 4 5 29 23 9 8 19 5 4 4 15 17 7 4 23 10 5 3 4 28 5 7 22 23 24 25 26 27 28 10 7 5 7 6 5 B 4 3 5 20 6 5 9 4 23 6 4 12 25 7 7 3 3 8 2 4 4 11 8 15 6 6 5 10 7 5 8 6 3 5 8 4 3 3 4 7 4 3 16 2 4 5 5 3 6 10 4 6 10 3 14 5 5 6 5 6 7 3 В MEAN 6.2

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - 1	NITRO	GEN OX	IDES	- CH	EMILU	MINES	CENT			į,	NILL	. 0.	D1 P4	RTS/MI	LLIO	N						
	STA	TION	- с	NO :	31001		67 CO	LLEGE	ST F	I F T H	FLOOR	TOR	OTIO			MON	тн	JUN	77						
HCUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	2	1	2	6	6	6	5	5	4	3	3	3	4	3	4	4	3	4	3	3	3	4
2	3	3	4	3	2	5	7	7	3	3	3	3	3	3	3	3	4	3	3	3	5	6	7	8	4
3	11	6	4	6	7	6	12	16	10	4	3	4	6	4	4	4	5	4	4	6 8	6	6	8	9	6
4	13	15	11	10	4	8	7	9	7	6	7	4	4	4	5	10	7	4	5	8	6	9	9	9	8
5	11	8	5	2	2	2	1	1	1	1	1	1	2	2		2	2	5	6	4	4	4	3	2	3
6	2	1	1	2	2	2	5	11	8	6	7	5	4	3	3	3	3	2	2	3	3	3	3	2	4
7	2	2	2	2	2	3	5	5	3	3	3	3	3	3	3	3	3	2	2	3	3	3	2	2	3
8	2		2	2	2	3	5 5 8 7	10	3 5 5	2	2	2	3	3	3 3	5	7	8	2 5 3	4	5	5	5	5	4
9	2 2 5 3	3	2	2	2	6		5	5	5	4	3	4	3	3	4	3	3		3	3	4	4	4	4
10	3	3	3	3	3	4	6		4	4	4	3	3	6	5	5	5	4	5	4	9	4	7	4	4
1.1	4	2	1	1	1	2	2	4	3	3	2	2	2	4	4	4	4	4	3	4	2	2	3	3	3
12	3	2	2	2	2	2	2	2	2	2	2	4	3	4	5	6	7	8	5	6	6	6	5	4	4
13	3	2	2	2	3	3	7	10	5	2	3	4	5	5	6	3	6	5	3	4	4	4	5	4	4
14	5	5	5	5	4	5	5	5	5	5	7.	6	7	7	8	9	8	12	10	15	5	4	4	4	6
15	2	2	2	2	2	3	7	12	4	3	4	4	4	6	4	5	4	4	5	6	8	9	12	9	5
16	10	5	5	5	6	9	20	24	13	7	5	6	5	5	4	5	4	3	3	4	5	6	7	9	7
17	13	15	8	4	4	5	10	9	7	11	7	3	-	3	3	3	3	3	3	4	7	10	15	7	7
18 19	6	6	5	4	4	3	3	5	5	5	5	4	5	4	4	4	4	4	3	2	2	2	2	2	4
19	3	2	1	1	1	1	1	1	. 1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1
20	3	4	4	4	6	7	7	В	12	14	12	9	7	5	7	6	6	3	3	4	4	4	3	2	6
21	2 3 7	2 2	1	2	2	3	6 5	4	4	3	3	3	3	3	3	3	3	3	3	4	5	5	4	4	3
22 23	3	2	1	2	2	4	5	6	4 8 7	3	3	3	4	7	5	6	5	7	6	7	6	12	10	7	5
23		5	5	6	5	5	9	17	8	6	6	4	3	4	3	5	5	4	4	5	6	В	10	7	6
24 25 26	9	9	1.1	12	13	14	15	17	7	9	9	8	6	~	6	8	9	11	7	8	15	20	20	9	11
25	7	5	3	2	3	3	4	4	4	3	4	5	5	4	4	5	4	4	4	4	4	4	5	4	4
26	2	2	2	1	1	1	1	1	1	1	1	1	1	1	3	2	3	4 3 4	3	2	3	3	7	В	2
27	10	13	11	12	10	6	9	14	8	7	7	4	5	4	4	4		4	4	4	6	6	6	6	7
27 28 29	6		6.	5	4	4	9	12	10	5	7	7	7	5	5	6	7	6	3 4 6 3	4	5	3	3	3	6
29	3	3	2	1	1	2	5	6	6	2	2	2	2	2	3	4	3	Э		3	3	3	3	3	3
30	1	1	2	3	3	4	9	16	9	7	100	7	7	8	6	6	6	8	5	6	10	7	7	8	6
MEAN	5	5	4	4	3	4	7	9	6	5	4	4	4	4	4	5	5	5	4	5	5	6	6	5	4.8

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 77 HOUR 13 14 15 9 10 1.1 19 20 21 22 23 24 MEAN 5 3 12 13 14 15 16 17 18 19 20 15 2 12 12 2 3 10 4 4 12 10 8 22 23 24 25 26 27 28 5 6 5 MEAN

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.1

 4.9

NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT HOUR 1.1 16 17 24 MEAN 5 3 4 3 13 12 13 14 15 16 17 18 19 20 4 7 9 17 2 3 8 17 6 7 13 27 13 4 13 23 13 2 4 8 21 7 3 7 6 3 6 9 14 15 13 21 15 6 13 8 10 10 19 3 3 3 8 16 5 14 3 8 11 13 6 2 8 15 6 10 13 3 7 3 7 12 12 21 17 7 27 6 8 17 3 30 12 36 10 15 3 18 6 15 9 22 23 24 25 26 27 28 29 30 3 3 3 4 7 10 3 2 7 4 4 13 22 3 4 5 12 20 13 4 25 29 32 16 8 21 14 5 10 8 14 12 6 10 9 11 5 16 9 9 15 10 15 10 11 8 12 19 10 20 8 15 23 48 23 16 9 29 27 17 8 2 17 13 10 30 5 13 7 6 MEAN 7.1

PERCENTAGE OF DATA VALID . 98.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE . 1.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 77

HYDRO SS SHERBOURNE/WILTON ST. TORONTO STATION - C NO 31105 24 MEAN 10 11 12 13 14 16 17 HOUR DAY UNAVAILABLE UNAVAILABLE UNAVAILABLE DATA DATA DATA UNAVALLABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVALLABLE UNAVALLABLE - DATA UNAVAILABLE UNAVAILABLE UNAVAILABLE UNAVAILABLE UNAVAILABLE 13 14 15 16 17 DATA DATA UNAVALLABLE DATA UNAVAILABLE 6 9 3 10 16 17 я 14 14 8 16 B 17 13 17 9 12 17 12 11 16 8 17 8 27 16 9 29 30 9.6 MEAN

PERCENTAGE OF DATA VALID - 40.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 59.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT HYDRO SS SHERBOURNE/WILTON ST. TORONTO MONTH . SEP - C NO 31105 24 MEAN HOUR DAY 10 5 4 14 13 9 7 5 2 10 7 5 12 13 9 4 7 15 16 17 18 14 8 10 8 5 12 7 12 14 12 11 5 5 10 4 6 5 18 3 15 4 2 14 4 3 10 4 16 4 3 15 6 7 5 16 8 3 2 6 2 26 7.6 MEAN

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS . O. O. PARTS/MILLION STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO MONTH - OCT 77 HOUR . 6 24 MEAN DAY 11 4 6 10 4 4 6 4 13 4 5 6 5 2 5 6 4 8 5 1 4 6 4 5 4 8 5 15 10 6 5 3 6 14 5 8 7 5 4 4 12 4 5 12 9 10 26 17 17 6 7 6 7 8 9 5 5 3 5 3 13 2 5 7 12 13 14 15 16 17 18 19 20 13 24 37 23 10 25 41 20 6 8 10 4 3 7 13 8 7 4 16 14 3 13 7 3 13 7 22 10 24 12 11 13 10 18 7 6 5 5 1B 3 7 12 18 10 22 23 24 25 26 27 28 29 30 5 5 9 14 4 4 3 3 6 5 5 6 6 2 5 2 4 2 9 3 2 8 6 3 4 11 5 14 5 4 943.

DATA UNA

a В

PERCENTAGE OF DATA VALID - 88.4

5 10 18 5 8 12 3 5 11

MEAN

PERCENTAGE OF DATA INVALID - 0.0

33 8 7 17 7 5 3 13 5 4

PERCENTAGE OF DATA UNAVAILABLE - 11.6

10 10

8.6

8 8

В

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

8 5

"-" INDICATES DATA IS UNAVAILABLE

3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION HYDRO SS SHERBOURNE/WILTON ST. TORONTO MONTH . NOV STATION - C NO 31105 24 MEAN HOUR 19 13 13 4 5 9 10 9 9 11 10 3 10 2 12 4 15 23 10 6 10 9 11 3 4 6 12 2 3 4 5 13 10 13 3 10 4 4 6 7 10 10 12 7 11 B 10 16 4 4 5 4 5 4 12 13 14 15 16 17 18 19 20 10 6 3 13 14 8 12 5 6 5 10 6 3 9 15 8 6 3 8 3 9 1 9 5 6 4 6 10 6 7 10 12 8 7 8 12 10 7 8 13 15 10 16 7 23 12 16 10 10 14 6 17 6 5 13 14 6 12 7 5 10 13 5 7 11 8 4 14 10 6 7 10 14 9 8 13 7 10 12 10 16 12 7 9 3 9 10 6 8 3 3 6 7 11 9 12 16 10 12 4 8 11 11 17 8 11 3 10 22 23 24 25 26 27 28 29 30 11 15 14 13 9 6 13 12 3 13 16 17 7.5 MEAN

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.5

- *- INDICATES DATA IS UNAVAILABLE
- 3. " -- " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	- 0	NO:	33002		HARMA	CY AN	D. 401	, SC	ARBOR(DUGH				MON	гн - ,	IAN	77						
HOUR	11	2	3	ñ	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	5 17 5 8 28 36 5 36 23	9 8 5 8 20 39 5 33	13 5 3 8 13 38 5 27 10	1 2 1 2 2 9 5 1 9 7	10 3 5 8 5 15 5 5 1 7 5	7 3 6 6 19 27 5 16 5	5 3 6 7 51 53 7 22 7	4 2 9 27 91 94 14 32	5 12 13 91 84 36 20	5 4 10 9 85 66 40 11	8 15 69 56 34 10 24	13 2 6 23 62 25 32	19 6 7 26 43 12 36 56 35	25 20 11 32 45 6 36 60 42	26 12 21 45 6 36 51	31 5 10 13 62 6 47 26 44	33 6 10 12 71 8 49 9	32 7 10 14 69 9 58 13 35	21 7 10 35 71 10 49 7	15 7 10 31 61 10 36 7	28 6 10 35 53 7 32 7	19 7 9 31 46 6 33 7 25	27 6 9 24 42 4 38 8	17 6 9 20 48 5 36 21	16 6 8 18 51 28 28 23 23
10	11	7	5	3.	3	-5	7	13	1.4	10	9	9	14	16	1.7	20	16	9	7	7	7	3	3	4	9
11 12 13 14 15 16 17 18 19 20	3 7 18 7 37 14 20 26 4 33	3 7 7 9 45 7 14 20 4 28	2 6 8 19 7 8 16 4	1 6 5 9 1 4 4 3 10 6	3 6 4 13 11 3 72 16 4	4 6 4 11 5 2 3 16 11 3	12 5 11 13 3 4 37 32 5	27 9 18 17 5 2 6 4 5 7 3 7	33 14 24 51 7 2 60 65 38	27 11 23 94 7 2 5 48 47	24 6 14 78 6 4 5 40 37 6	26 19 44 6 4 5 38 32 6	26 18 5 6 11 5 35 34	26 30 6 79 6 15 9 34 17	25 35 7 76 5 7 4 9 37 23	30 45 8 36 7 3 11 31 44 27	40 52 10 56 10 4 33 51 55 20	11 64 16 88 5 34 28 48 8	6 21 19 77 21 4 31 15 48 7	7 12 10 69 26 4 30 7 49 8	5 17 8 55 26 8 31 7 36 7	5 12 7 51 18 26 32 7 29 6	5 21 7 42 14 31 32 6 34 6	6 22 7 42 13 30 33 6 38 6	15 19 11 45 13 8 15 25 34
21 22 23 24 25 26 27 28 29 30	5 19 27 6 10 4 1 5 2	7 17 29 6 9 4 1 5 2	7 11 27 6 9 3 1 7 3	6 6 4 5 8 3 1 6 2 3	5 5 16 5 8 3 1 5 2 4	6 10 5 8 2 1 18 2 3	7 11 11 6 9 3 2 22 2	13 20 17 10 13 7 4 9	26 27 22 13 15 9 4 6 3	45 26 17 15 15 6 3 4	42 23 9 16 15 4 2 3 4 2	43 25 5 17 4 2 5 4	37 26 10 9 20 6 2 6 4 2	43 31 10 8 18 7 2	47 32 8 10 21 6 2	57 33 8 9 44 3 2 4	64 33 8 13 34 6 4 3	58 36 10 13 46 6 5 5 3	52 36 9 12 37 5 6 7 5	41 30 6 13 30 3 6 7 5	33 25 6 14 26 3 5 6 4 3	24 17 6 17 24 2 6 3 4	20 6 14 30 3 6 2 4	19 32 6 13 8 2 6 2 5	29 23 13 10 20 4 3 6 3
3.1	2	2	2	2	2	2	.4	5	6	4	4	4	4	-	4	.4	6	6	6	6	6	7	5	2	.4
MEAN	14	1.2	9	.8	7	7	1.2	21	23	22	1.9	1.7	18	22	21	22	25	24	22	19	18	16	16	15	17.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. " " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POI	POLLUTANT - NITROGEN DXIDES - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION												
	STATION · C NO 33002					-	PHARMACY AND 401. SCARBOROUGH							MONTH - FEB 77											
DAY	1	2	3	#	5	6	7	8	9	10	1.1	12	13	14	15	16	1.7	18	19	20	21	22	23	24 6	EAN
1 2 3 4 5 6 7 8 9	2 13 7 20 20 23 12 20 3	1 8 7 10 17 21 8 20 4 23	19581659	1546793463	3 9 4 3 5 5 3 3 6 B	6 11 5 6 6 4 4 8 7 21	21 38 6 9 14 4 16 11	43 31 8 31 21 7 40 18	49 12 9 50 21 9 38 22 9 80	39 11 8 33 26 10 31 18 7	30 11 8 41 24 15 27 16 6	29 8 7 32 28 16 29 13 6	28 7 8 44 28 19 32 10 6	29 12 27 22 37 7	32 4 18 27 26 45 8	38 4 6 36 29 29 7	46 8 10 43 27 25 78 8 9 6	53 8 32 25 30 24 70 9	54 6 34 28 30 28 69 8	49 10 34 62 26 62 7 18 8	19 10 25 55 22 28 40 12 17 4	14 8 7 43 19 30 43 11 15 4	11 6 7 31 16 27 44 5 25	9 8 16 30 24 9 21 3 47 6	25 11 12 29 21 18 33 12 11 24
11 12 13 14 15 16 17 18 19 20	7 22 3 1 17 18 21 4 11 32	8 25 4 1 13 17 17 17 6 13 32	10 18 6 1 1.0 1.5 9 7 26 23	7 4 7 4 8 5 5 7 9 5	5 10 5 3 10 18 5 7 32 12	5 13 3 11 22 6 7 28 7	4 10 3 5 32 45 24 8 39	5 11 3 6 58 80 43 10 29	7 11 3 5 54 76 73 9 34 18	6 17 3 5 40 60 47 8 38 20	6 17 3 9 37 44 26 6 37 24	7 15 3 9 38 39 18 6 33 22	10 8 4 35 35 5 7 34 26	13 8 4 22 40 6 7 40 29	29 6 3 33 41 8 7 40 30	18 6 3 36 50 50 7 7 42 36	17 6 3 48 54 46 10 8 44 41	13 5 5 47 28 39 8 9 40 34	13 5 3 45 39 27 8 10 40 31	15 4 36 32 27 10 9 40 29	32 3 2 33 30 33 9 40 27	37 4 2 31 32 33 9 8 32 26	23 3 22 33 29 1: 8 25 26	17 3 21 30 27 7 10 35 20	13 10 4 19 31 37 16 8 33 24
21 22 23 24 25 26 27 28	13 7 30 2 4 4 10 7	6 5 19 2 4 7 18	4 6 13 2 4 7 13	461233432	4 4 8 2 4 1 2	6 9 5 2 3 4 + 7	24 7 10 4 3 5 1	53 7 16 6 5 15	51 15 25 3 6 12 1	40 12 23 4 6 9 3	35 8 18 6 9 8 55	35 7 12 5 21 35 38	33 11 15 4 7 18	35 35 3 5 19 11 23	34 44 4 20 9	25 9 18 10 25 5 20	25 69 6 16 4 49 3	13 69 10 8 4 55 3	7 49 9 8 5 50 2 5	7 55 24 8 5 21 3	7 46 23 6 5 5	7 44 4 6 6 3 2 4	9 46 7 5 4 8 2 4	8 45 10 3 3 4 8	20 26 14 5 5 16 7
MEAN	13	1.1	10	8	В	8	16	25	26	23	21	19	18	1.9	20	20	26	24	23	22	20	17	16	15	17.9

PERCENTAGE OF DATA VALID . 98 1 PERCENTAGE OF DATA INVALID . 0.0 PERCENTAGE OF DATA UNAVAILABLE . 1.9

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH MONTH - MAR 77 HOUR 9 10 16 17 21 22 24 MEAN 12 21 5 6 4 16 35 3 2 4 14 9 11 12 3 4 57 3 5 18 4 2 3 7 2 3 2 3 7 9 4 203 7 3 3 47 3 6 5 44 8 11 7 34 56 5 5 5 5 6 6 34 10 3 5 6 39 12 13 14 15 16 17 18 19 20 10 3 70 81 40 47 3 35 3 5 6 54 14 33 36 10 44 3 5 33 7 15 31 18 44 4 6 3 32 4 17 26 20 30 2 6 3 5 14 29 22 21 2 7 3 38 4 24 35 26 22 3 5 3 7 14 48 2 23 58 19 8 22 5 31 53 3 23 50 26 11 11 13 53 30 61 24 13 5 16 27 13 11 21 31 26 2 77 122 36 42 2 34 3 15 50 3 22 59 22 12 16 37 42 5 17 45 4 15 12 20 6 7 43 69 30 7 21 19 52 19 20 22 36 17 23 16 28 44 34 26 34 13 48 63 34 20 35 62 26 11 43 7 21 29 48 21 38 33 3 22 23 24 25 26 27 28 29 30 20 14 12 14 20 13 4 4 15 21 13 13 27 34 4 43 64 30 39 30 29 46 81 31 45 31 5 30 54 26 40 36 2 10 9 30 13 32 43 43 20 21 18 27 10 2 3 54 5 6 5 3 5 6 1 1 0 5 32 45 25 39 27 33 24 33 29 2 30 16 37 46 51 2 4 26 42 33 50 65 21 42 31 43 20 27 29 34 43 18 20 25 30 50 2 3 21 18 23 27 26 23 29 21 29 30 11 6 29 27 47 27 37 37 37 4 34 23 38 26 3 16 21 3 4 4 6 MEAN 18.4

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVALUABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. " ... INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT										UNITS - 0.01 PARTS/MILLION													
	STATION - C NO				0 33002 PHARMACY AND 401, SCARBOROUGH							MONTH - APR 77													
HOUR	į	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 h	IEΔN
1	28	19	16	14	15	17	47	83	76	43	17		4	5	4	5	4	4	3	3	2	2	2	1	18
2	1	2	2	1	1	1	1.	2	2	2	2	3	4	4	5	7	10	7	7	1.1	44	19	7	5	6
3	7	5	4	-4	1	1	3	4	4	8	11	14	20	27	28	28	29	32	40	47	54	43	41	39	21
4	29	14	4	2	1	1	1	1	2	1	1			2	2	2	2	2	2	1	. 1	1	.1	1	3
5	2	2	3	2	.1	2	3	3	4	3	2	2	2	2	2	2	3	3	4	8	13	9	7	6	4
6	3	2	2	2	4	6	20	41	40	31	29	23	1		20	33	30	33	28	31	29	19	14	9	20
7	5	6	4	4	4	4	8	15	8	4	3	2	2	3	4	5	9	8	6	1.1	13	31	23 30	25 14	9
8	14	8	5	4	3	3	6	8	11	15	20	23	21	22	22	25 15	24	29	28	32	27	29			18
9	10	7	5	7	7	7.	9	15	17	25	17	19	20	11	15	15	18	27	34	38	51	55	46	31	21
10	26	31	21	28	32	25	27	1.7	9	6	7	7	6	3	3	2	2	2	3	4	4	4	4	5	12
11	7	8	12	5	7	18	7	12	17	17	23	20	14	9	3 6 3	3	4	4	15	13	9	3	3	4	10
12	7	5	8	6	6	5	19	61	59	49	28	10	6	6	6	8	32	38	66	20	21	52	47	50	26
13	47	50	37	20	18	10	11	56	46	9	5	5	5	5	3	17	34	35	27	28	24	23	22	33	24
14	23	17	12	В	7	12	34	55	48	37	32	31	32	34	38	46	54	49	47	47	39	31	28	27	33
15	32	21	13	13	16	22	53	77	52	41	36	39	40	41	(96)	46	52	46	45	52	37	32	26	28	37
16	23	21	14	10	12	16	27	40	38	24	12	13	4	5	5	4	6	15	43	52	54	54	41	43	24
17	36	32	26	18	В	8	12	13	1	1	0	1	2	3	-	(8)			*	8	68	66	64	66	23
18	50	34	34	38	40	32	55	85	48	72	27	12	12	*	8	9	1.1	7	В	15	19	26	26	18	30
19	20	21	47	47	38	35	52	74	25	8	3	4	5	3		11	1.1	4	4	5	7	58	54	44	25
20	49	37	23	30	30	25	47	31	66	29	79	12	8	7	7	9	11	12	13	11	5.1	8	10	14	24
21	9	10	9	8	10	9	10	12	10	8	10	111	13	1.1	16	18	19	24	30	33	53	49	19	10	17
22	11	9	6	5	5	5	7	1.1	13	12	9	9	10	36	51	39	31	28	29	27	24	20	18	16	18
23	21	19	1.4	12	8	7	16	26	37	35	31	33	33	30	33	37	36	33	40	33	29	20	15	21	26
24	21	21	15	10	В	8	9	12	14	19	22	29	15	23	32	31	27	31	33	32	27	26	29	17	21
25	10	5	5	6	9	32	63	56	38	41	16	2	2	2	12	15	5	3	6	7	8	10	15	21	16
26	32	23	20	8	6	6	9	В	6	4	3	1	100	1	1	2	3	5	6	12	13	16	22	21	10
27	15	14	12	14	12	1.4	19	22	11	9	9	7			3	3	3	3	3	3	3	3	3	4	9
28	12	7	4	4	5	20	46	39	32	29	34	32	35	36	39	46	40	37	30	29	29	32	38	31	29
29	24	16	13	15	12	33	80	61	27	17	15	19		24	28	22	26	33	38	50	34	14	13	10	27
3.0	15	14	1.1	10	9	8	10	12	12	10	5	4	4	3	2	2	2	3	4	6	6	5	ϵ	7	7
MEAN	20	16	13	12	1.1	13	24	32	26	20	17	14	13	13	15	17	19	19	22	22	25	25	22	21	18.9

PERCENTAGE OF DATA VALID - 97:6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS . O. O. PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - JUL HOUR DAY 24 MEAN 2 28 2 9 2 31 39 10 7 37 25 8 8 8 43 9 7 41 3 24 7 6 14 31 24 53 33 3 6 9 21 2 3 5 2 3 7 3 4 21 15 13 20 20 22 32 20 20 20 16 51 19 58 33 13 10 9 20 11 12 26 22 10 2 13 13 41 16 7 34 34 46 4 13 4 35 6 21 32 36 22 13 14 5 20 25 21 49 35 22 18 21 24 23 30 7 21 26 6 20 4 6 29 6 31 4 7 27 4 12 13 14 15 16 17 18 19 20 12 3 7 7 6 29 4 13 6 2 3 9 35 5 29 5 16 12 5 11 31 5 29 6 21 12 12 23 7 27 6 14 11 37 6 25 14 12 13 8 10 9 37 38 5 33 50 7 42 8 23 5 22 5 4 38 5 28 5 6 9 22 6 11 4 3 8 7 4 9 4 4 24 5 17 3 11 4 27 5 11 11 43 3 12 19 5 17 6 12 15 5 7 5 33 12 18 6 24 10 41 15 22 4 16 30 4 8 33 35 34 25 27 2 31 3 13 DATA 27 -35 34 3 4 UNAVAILA 22 23 24 25 26 34 2 38 10 40 5 29 31 25 21 12 31 2 30 25 2 27 25 32 4 3 8 24 43 43 7 6 8 25 37 20 7 24 2 2 4 70 13 9 46 5 32 20 13 14 24 63 8 5 30 2 8 25 20 13 7 34 10 21 2 17 9 14 22 10 5 ð. MEAN 14.7

PERCENTAGE OF DATA VALID - 91.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - AUG HOUR 24 MFAN 7 9 8 8 58 19 32 20 74 27 41 19 12 13 69 12 24 17 23 13 71 16 41 6 4 8 11 82 9 34 124 95 16 15 19 25 129 115 12 21 48 15 86 109 10 12 63 7 49 65 22 11 10 68 5 20 64 36 10 8 64 16 15 4 77 17 16 72 28 48 11 19 43 18 36 31 21 32 4 21 34 5 45 4 62 4 8 62 6 50 4 9 4 4 10 12 16 34 33 13 38 25 17 17 30 17 5 55 45 13 12 13 14 15 16 17 18 19 7 27 8 4 60 122 18 125 74 83 16 130 46 130 12 20 120 123 86 57 63 55 71 11 27 66 77 63 58 25 56 46 10 34 53 27 52 57 14 59 5 51 83 20 57 71 3 9 6 18 110 12 23 80 96 69 69 60 44 59 13 5 57 92 14 50 82 7 68 60 106 81 69 70 45 41 8 41 70 47 47 53 34 29 19 67 90 43 66 96 48 6 56 6 88 85 58 49 83 47 9 6 49 101 70 75 61 28 69 48 12 5 45 67 65 42 61 19 43 14 55 30 106 84 80 36 76 48 60 28 46 54 9 56 77 16 53 66 14 30 12 10 13 13 94 12 56 85 56 40 24 14 58 39 21 45 31 32 7 12 16 17 84 50 58 5₂ 22 23 24 25 26 27 28 29 30 6 38 58 76 67 98 118 144 47 46 58 58 95 35 23 5 5 34 35 56 7 5 58 76 59 121 124 10 46 56 60 82 19 24 47 61 46 30 15 6 27 37 60 63 55 71 8 0 27 82 66 7 0 4 8 6 3 7 4 9 0 6 7 17 50 92 13 14 6 8 42 42 75 22 35 6 11 41 55 85 14 5 6 8 47 70 36 48 61 65 80 12 11 5 41 76 10 0 59 66 5 10 4 12 5 84 15 21 6 9 59 76 85 7 0 6 5 34 11 5 10 5 MEAN 29.5

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.6

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

24 MEAN

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH · NOV 77 1.1 HOUR DAY 16 40 4 14 11 8 75 16 12 14 24 6 2 42 14 9 5 36 7 9 9 76 24 11 6 5 37 5 10 5 6 16 16 4 3 36 3 41 3 39 48 21 7 2 5 10 4 14 18 13 20 5 2 26 3 37 2

4 6 4 3 2 2 6 3 3 4 2 15 24 8 2 10 37 10 12 3 2 4 5 27 5 9 45 8 10 3 3 5 4 35 3 3 3 4 B 9 10 2 20 27 9 6 5 17 5 21 7 12 13 14 44 7 24 41 7 4 14 5 3 48 2 24 52 9 4 16 10 5 15 9 4 2 18 4 11 12 18 4 49 13 48 8 4 6 5 6 4 13 9 11 6 14 7 7 13 16 13 3 12 4 19 0 21 27 6 5 4 25 27 4 7 4 4 12 30 33 4 8 6 4 6 33 44 7 5 8 28 7 34 47 7 4 8 7 39 5 5 16 6 2 28 7 2 39 10 4 15 17 18 19 20 7 5 46 15 4 29 6 7 4 3 24 0 3 21 0 10 4 28 1 5 32 11 39 5 3 28 21 8 5 7 13 8 11 18 25 20 34 20 2 4 57 4 4 24 6 7 40 5 3 13 22 23 24 25 10 1 7 4 2 4 49 5 5 3 19 8 6 4 4 3 19 6 3 17 15 4 9 3 15 4 4 12 7 10 5 6 5 5 10 4 3 11 6 12 9 10 10 5 1 17 12 3 19 3 13 14 16 5 5 3 5 9 27 48 13 42 11 76 18 76 12 28 59 26 3.0 11.0 MEAN

PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7 PERCENTAGE OF DATA VALID - 98 3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " " INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH MONTH . DEC HOUR 7 8 24 MEAN 4 44 8 19 22 10 25 25 38 23 43 58 30 38 13 43 40 28 37 10 39 41 3 27 44 9 22 41 16 19 19 21 29 25 16 1 45 25 5 30 23 37 14 3 21 50 9 21 21 47 9 20 31 2 6 29 22 3 29 22 37 60 3 14 26 24 36 7 14 4 2 53 22 43 82 4 32 17 22 27 30 5 3 28 26 13 36 38 5 4 10 30 33 10 35 46 12 29 53 3 23 5 6 7 8 27 3 45 85 4 31 26 2 8 31 2 38 9 47 65 41 34 23 17 43 28 15 6 3 35 46 35 7 9 5 48 5 31 9 27 14 14 18 19 19 85 65 12 51 62 44 18 22 7 54 35 12 5 2 44 9 51 16 76 9 44 16 8 17 2 36 7 37 20 21 6 33 16 10 12 6 27 8 10 4 15 21 13 9 5 4 0 3 34 16 49 37 6 24 75 33 26 4 6 36 71 64 67 23 6 54 35 12 13 14 15 16 17 18 19 20 81 49 74 4 1 75 71 14 4 58 42 15 4 2 29 15 5 11 7 4 21 9 5 2 5 2 2 1 2 0 2 1 2 1 2 5 6 4 7 4 7 4B 7 5 7 8 7 22 23 24 25 26 27 28 29 8 5 12 2 4 6 3 5 13 4 42 5 5 8 16.7 MEAN

PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.7 PERCENTAGE OF DATA VALID - 97.3

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS . O. O1 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN HOUR 24 MEAN В 11 12 17 18 19 20 10 10 14 16 4 11 6 8 9 5 5 10 10 13 10 7 7 3 14 11 12 10 7 6 9 15 16 11 24 12 14 12 18 18 9 14 10 10 18 10 10 14 15 8 7 8 2 3 12 13 14 15 16 17 18 19 20 6 8 15 4 6 8 13 8 8 13 7 14 5 18 27 22 17 14 22 5 17 10 8 5 12 16 6 5 8 9 4 5 6 8 10 12 4 3 3 3 6 7 5 4 13 6 6 5 3 5 5 3 3 6 3 2 22 23 24 25 7 6 3 4 27 28 MEAN 6.2

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "..." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3, ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 77 HOUR 7 8 13 14 16 17 24 MEAN DAY 6 5 . . 7 14 5 14 8 17 3 2 18 10 17 4 4 14 8 11 4 3 6 21 10 12 13 9 11 5 3 5 6 15 6 5 18 11 18 5 5 6 7 8 9 6 14 5 19 8 15 4 5 15 10 9 5 13 5 9 6 10 8 12 10 16 10 8 1 1 4 4 2 3 2 3 12 13 14 15 16 17 18 19 4 3 18 3 6 9 13 8 7 4 3 6 5 6 11 10 7 4 14 3 5 5 7 5 5 5 8 5 5 3 5 10 3 9 7 6 4 16 2 8 10 6 22 23 24 25 26 27 28 10 6 10 5 2 MEAN

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. .- INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH · MAY 77 HCUR DAY 21 22 24 MEAN 7 8 9 10 11 12 13 17 18 19 20 14 13 11 6 5 17 14 11 14 10 11 6 17 14 13 10 8 12 10 9 15 13 11 8 11 15 9 21 13 11 8 10 9 11 15 10 30 15 14 8 11 6 6 13 17 12 10 10 4 5 8 13 9 7 7 11 5 7 15 10 12 9 10 10 5 9 15 11 11 12 10 7 12 18 10 10 9 . . . 5 20 8 9 25 8 10 13 10 15 6 15 23 15 8 6 28 15 14 22 27 14 10 7 5 24 10 12 18 20 11 10 8 5 20 8 12 17 16 9 12 9 6 9 12 19 10 14 10 7 9 11 11 21 8 15 9 7 9 11 14 19 15 9 14 10 7 10 11 11 21 10 11 10 50 13 12 11 28 12 13 14 15 16 17 18 19 20 11 8 6 15 11 7 15 28 15 8 7 31 19 13 22 30 19 12 7 5 26 15 12 19 24 11 8 6 9 8 11 14 14 10 9 11 15 12 23 14 11 9 10 17 11 11 19 8 12 7 34 10 11 6 11 8 11 17 10 9 8 8 16 10 15 13 15 13 28 14 8 6 21 10 6 7 4 14 9 5 11 6 7 6 12 8 6 11 14 28 9 6 10 10 28 12 15 15 13 21 17 14 16 7 14 9 14 18 21 16 15 10 7 24 14 12 12 17 23 17 17 19 7 22 23 24 25 26 27 28 29 18 11 10 19 13 9 12 11 16 27 16 23 13 12 10 19 28 14 20 12 12 15 15 21 13 14 9 12 14 23 23 21 15 11 5 12 14 24 23 23 16 8 5 13 16 24 23 23 14 8 6 12 17 24 23 19 14 11 17 23 20 18 18 6 11 20 22 19 20 18 7 8 11 19 21 17 17 18 7 22 15 13 18 15 13 17 20 13 10 20 13 9 14 10 10 17 14 9 8 6 13 11 13 20 16 15 9 7 10 20 23 13 16 10 6 12 11 17 22 13 14 12 12 15 20 13 13 15 13 15 17 - 14 11 5 6 14 10 1.1 11.9 1.1 MEAN

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - 1	NITRO	SEN OX	IDES	- CHE	MILUM	INESC	ENT			U	NITS	- 0.0	1 PAR	TS/MI	LLION	4						
	STA	TION	- с	NO :	33003	4	AWPEN	CE/KE	NNEDY	SCAR	BOROL	JGH				MONT	н - ј	IUN	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		MEAN
4	7	7	7	6	5	5	6	12	11	11	9	9	8	6	7	9	9	7	9	11	8	1:1	10	8	8
2	9	á	7	7	6	В	11	12	11	10			1.1	12	14	16	17	15	15	15	17	18	19	21	13
3	24	23	18	19	18	21	25	21	15	1.1	11	10	10	10		13	14	14	13	13	16	14	15	16	16
4	21	22	23	21	16	15	13	12	11	1.1	11	11	10	10	10	14	13	12	12	13	15	15	13	12	
5	13	12	8	6	6	6	6	6	6	6	7	8	8	7	7	7	В	9	1.1	12	12	В	7	7	8
6	6	5	5	5	4	6	9	1.1	1.1	13	13	12	9	9	9	11	11	9	9	9	9	9	9		9
7	6	5	5	5	5	9	11	13	10	9	9	8	7	8	8	9	9	9	8	В	9	10	8	8	8
В	6 8 6	6	7	6	7	9	14	15	10	7	7	7	8	7	7	8	9	7	6	7	6	7 8			8
9	6	6	a	4	4	6	5	5	5	5	4	4	5	7	6	7	10	9	10	10	9	8	8	5	6
10	5	5	5	5	5	6	10	8	7	6	5	6	7	7	6	10	9	9	12	14	13	9	B	7	8
, 0	3	-			2.77																	226	7	-	-
1.1	7	6	4	3	5	5	7	6	7	7	6	6	6	6	5	5	7	7	7	9	В	7	6	5	6 5
12	6	5	4	3	3	3	3	3	3	3	3	3	3	4	4	6	6	7	9	7	7	9	4	4	2
13	4	4	3	4	5	7	1.1	5	4	3	3	3	3	3	3	3	4	5	4	4	5	5		7	-
14	5	6	6	5	5	5	6	4	4	4	4		3	3		5	5	5	9	10	10	10	10	10	6
15	6	6	5	5	5	8	11	8	6	6	5	5	5	5	5	6	6	6	6	6	7	10	11	5	7
16	7	7	7	9	9	1.1	15	18	13	8	6	5	6	5	5	5	5	5	4	5	5	5	11	9	10
17	7	7	6	6	6	12	13	16	14	14	*	8	7	7	7	8	8	В	8	10	17	14		9	8
18	6	6	6	6	6	7	7	В	9	9	1.1	9	9	10	10	10	11	1.1	9	8	10	9	12	8	7
19	8	6	5	6	4	4	5	5	6	5	6	7	6	7	7	7	7	7	7	9	12	15	9	8	11
20	8	8	7	8	9	1.1	15	15	13		15	17	14	11	13	9	14	1.1	12	12	10	10	9	8	1.1
.5			146		7	9	15	13	1.1	1.1	11	11	1.1	-	12	13	14	14	14	13	14	13	12	10	11
21	7	7	6	6 6	7	11	15	15	10	10	10	10	347	8	9	11	10	9	12	12	14	18	14	9	1.1
22	9	7 8	7 8	9	ģ	13	16	13	. 9	8	7	7	6	-								- 2			
23	9	В	В	9	9	13	10	1.3	9	-		- DA	TA UN	AVAIL	ABLE										
24 25												- DA	TA UN	AVALL	ABLE	(4)									
												- D4	TA UN	AVAIL	ABLE										
26		-									-		*	(*)	-	12	12	11	12	13	12	10	8	11	
27	11	8	7	7	6	6	7	9	9	9	9	9	140	- 1	*				-				.5.	-	
28	9	8	7	7	6	9	16	14	12	10	9	9	9	9	12	13	11	10	10	10	10	8	9	8	10
29	6	6	6	6	8	13	22	21	15	12	11	13	12	11		13	13	10	12	12	9	9	7	8	1.1
8.00	-	-	7	7	7	9	11	11	9	8	8	8	8	7	8	9	10	9	10	10	11	10	9	9	8.8
MEAN	8	В	7	7	,	9		10.00	3	·	1.00				170										

PERCENTAGE OF DATA VALID - 83.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 16.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 77 HOUR DAY 24 MEAN 15 7 21 9 4 8 11 3 5 6 25 9 4 7 12 86 7 9 5 5 7 6 8 8 7 9 4 7 9 4 5 6 5 11 8 7 9 4 6 7 6 7 8 9 20 14 9 10 6 B 10 4 5 6 9 11 10 10 12 13 14 15 16 17 18 19 20 10 4 27 4 12 14 5 12 7 12 4 9 4 13 4 10 6 9 13 12 5 14 7 5 18 3 29 28 9 6 10 4 5 7 3 15 18 5 4 12 4 3 7 3 15 17 3 23 4 12 15 8 14 5 7 69573 - 8545 10 5 9 3 9 7 11 4 14 3 11 8 12 4 7 9 3 13 3 24 15 23 4 5 12 6 28 3 23 20 24 3 8 6 19 3 27 20 11 3 3 7 4 6 10 5 4 13 5 3 8 3 1 1 6 4 4 4 6 11 4 9 11 7 3 7 6 5 12 4 7 5 12 3 3 23 11 18 3 6 4 12 17 21 3 18 7 2 6 5 7 22 23 24 25 26 27 16 8 3 4 4 14 12 31 13 10 4 5 6 15 10 8 3 5 5 10 8 10 5 2 4 5 9 5 6 6 2 3 3 5 7 10 8 14 16 2 3 3 5 9 14 10 18 21 3 4 8 2 3 6 14 3 4 12 14 10 14 22 24 16 5 12 11 15 12 23 12 17 8 3 21 9 3 12 7 15 21 15 8 5 3 6 7 9 14 16 13 9 8 4 7 5 10 9 19 15 10 11 23 18 MEAN

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DCT HOUR DAY В 24 MEAN 8 10 7 14 8 5 9 8 8 10 6 9 14 4 10 10 6 6 9 9 6 10 12 4 11 10 7 B 21 9 14 9 14 5 11 12 29 15 9 26 7 16 3 6 9 20 9 7 17 14 3 8 8 32 28 17 25 29 8 5 7 6 10 5 16 7 4 5 9 7 10 4 18 7 4 5 9 8 11 10 14 5 11 9 9 17 8 15 4 9 11 33 7 20 9 19 4 6 10 29 11 17 4 6 8 42 10 11 13 12 5 6 8 13 15 34 30 7 5 7 10 21 11 5 6 8 14 6 3 7 13 6 6 5 7 11 4 8 7 10 6 4 4 7 3 7 10 5 11 5 6 14 9 5 16 10 19 38 4 4 20 6 11 13 48 6 3 24 8 11 10 18 17 4 9 12 13 14 15 15 17 19 20 7 9 14 32 6 3 22 13 5 6 9 11 23 4 3 17 13 4 11 5 6 13 5 2 2 8 16 5 15 7 24 2 4 9 23 12 14 26 11 28 2 10 13 28 32 15 16 28 30 3 9 21 22 28 13 9 22 22 4 5 13 14 11 4 11 13 7 5 11 5 6 15 7 7 7 10 6 16 27 4 13 5 12 10 29 33 4 15 8 11 10 32 12 4 14 9 10 15 35 6 4 10 14 41 8 2 21 16 7 9 5 6 13 4 3 2 9 17 4 5 8 4 8 5 7 5 6 8 · 13 5 13 10 13 9 5 6 1 1 7 4 7 9 -15 3 2 14 13 4 7 9 B 1 22 23 24 25 26 27 28 5 9 27 11 24 7 10 35 14 5 8 42 17 20 5 11 24 9 6 5 22 10 2 11 27 29 38 11 10 1 8 7 13 4 7 12 9 6 7 4 8 16 16 27 9 11 29 6 5 30 15 17 5 9 3 5 24 15 15 4 7 2 14 72 50 51 23 9 5 4 24 10 14 4 8 47 34 29 13 4 2 11 72 55 41 26 11 9 10 20 27 20 33 17 9 14 13 30 36 14 36 18 1 4 11 12 11 5 3 8 1 4 8 1 2 1 0 8 2 2 21 21 19 11 11 8 13 21 10 15 3 7 14 15 5 3 14 25 11 15 9 3 3 15 13 4 5 30 10.6 MEAN

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.8

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - JAN 77 HOUR 5 6 7 8 9 10 11 12 13 14 16 17 18 12 8 4 5 6 7 22 9 10 9 10 12 13 14 15 16 17 18 19 20 15 5 3 4 20 6 3 6 22 23 24 25 26 27 28 MEAN 5.3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 77 8 9 24 MEAN HOUR 6 7 14 15 16 17 DAY 12 13 14 15 16 17 18 22 23 24 25 26 27 4.2

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS . O.O. PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR DAY 6 2 4 2 3 4 13 4 1 2 3 4 5 6 7 27 10 3 3 2 9 10 9 4 4 4 4 6 5 7 10 2 3 3 3 3 2 16 4 5 3 10 2 2 2 1 2 4 12 13 14 15 16 17 18 19 20 3 5 18 2 10 14 12 3 2 6 2 3 1 13 2 2 2 4 3 29 3 2 20 2 2 2 2 2 3 5 4 2 3 3 6 3 4 22 23 24 25 26 27 28 2 3 5 7 10 4 3

PERCENTAGE OF DATA VALID - 98.0

30

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.0

 5.2

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- " INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T = 1	NITRO	GEN OX	IDES	- CHE	MILU	VINES	CENT			L	NILL	- 0.0)1 PAR	RTS/MI	LLION	4						
	STA	TION	. с	NO	34002	9	C CTR	770	DON	MILLS	RD.	NORTH	YORK			MONT	ГН - А	PR	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	1.0	11	. 12	13	14	15	16	17	18	19	20	21	22	23	24 M	ΔN
1	3	2	3	3	3	3	3	6	5	4	3	3	3	4	4	4	5	6	5	4	4	4	2	2	4
2	3	3	3	2	2	2	2	2	3	3	3	4	6	6	7	9	9	В	9	11	14	1.1	7	5	6
3	6	4	2	2	2	2	1	1	1	0	1	1	2	2	1	1	1	1	1	3	3	4	6	5	2
4	6	5	4	2	2	5	2	2	2	2	2	2	2	2	3	1	1	1	2	2	2	2	1	1	2
15	1	,	- 19	1	- î	1	2	2	4	3	3	2	3	3	2	3	3	3	2	2	2	2	1	0	2
6			- 4		1	1	,	2	2	2	2	1	2	1	2	2	1	2	1.	3	3	3	2	4	2
3	3	3	- 2	3	3	3	3	4	4	2	2	2		3	3	4	4	5	5	5	6		2	1	3
8	2	2	2	2	2	2	2	1	,	- 7	2	2	2	2	2	2	2	2	1	1	2	2	3	3	2
9	3	4	- 4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	4	7	11	13	4
	17		23	25	25	25	25	19	13	9	7		3	3	3	3	3	3	4	4	5	6	5	6	11
10	1.7	20	23	23	20	25	25	13	, 3	9					-	-		-							
1.1	7	6	5	4	4	3	6	8	13	14	13		11	9	5	5	4	4	4	3	3	. 3	15	14	6
12	4	3	3	2	2	2	3	5	5	4	5		5	5	4	5	8	5	4	в	7	12	3	3	6
13	15	13	13	12	13	13	6	7	7	6	4		3	3	3	3		3	3	3	3	3		3	0
14	3	4	4	3	2	2	4	4	3	3	2		2	2	30	2	2	3	3	3	3	3	4	4	3
15	5	7	В	7	7	6	7	9	В	8	7		4	6	7	3	2	2	3	3 5	3	3	3	4	5
16	3	3	4	3	3	4	5	5	5	5	3		4	5 2	6	4	4	4	4		7	10	12	15	5
17	18	18	18	16	15	1.4	12	9	4	2	2		2	2	3	3	3	5	6	7	8	13	15	19	9
18	19	19	20	20	21	21	22	29	36	38	32		10	9	7	6	5	4	5	9	15	14	12	12	17
19	14	14	14	15	16	17	19	19	16	14	5		3	3	4	4	5	5	5	7	7	8	1.1	13	10
20	14	14	1.4	14	14	14	13	17	22	24	18	15	8	5	4	4	5	7	5	5	4	4	6	7	1.1
21	6	5	4	4	4	4	4	6	6	4	5	6	4	4	4	4	5	9	15	14	13	17	16	12	7
22	13	11	6	5		-4	4	8	10	1.1	11	10	7	7	8	6	4	4	4	4	4	4	4	3	7
23	3	3	3	3		2	2	3	3	3	3		4	4	3	4	6	4	5	4	3	3	3	3	3
24	3	3	3	3		2	2	2	3		2		3	3	3	3	3	3	3	4	3	3	3	4	3
25	3	3	2	2		3	4	6	6	4	3		-	3	3	4	5	3	4	6	8	9	10	11	5
	10			5		5	9	10	6	5	3		3	3	2	2	3	3	5	5	6	1.1	10	9	6
26 27	12	11	12	12		16	18	17	13		8		5	4	4	3	4	3	3	3	3	3	3	3	8
28	2	2	62	12	1	1	2	2	2		2		2		1	1	1	1	1	1	1	2	2	2	2
	4	4	1	3		3	6	10	7		- 7		1	1	1	- 4	1	1	1	3	4	5	5	10	3
30	11	8	6	6		6	8	9	9		9		4	3	3	2	2	2	4	6	5	4	4	8	6
30	3.3	8	ь	0	٥	0	-				-					-	-			-				7	
MEAN	7	7	7	6	6	6	7	8	7	7	6	5	4	4	4	3	4	4	4	5	5	6	6	7	5.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.6

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	T - N	ITRO	GEN OX	IDES	- CHE	MILU	MINES	CENT				UNITS	- 0.0	01 PAF	RTS/MI	LLIO	N						
	STA	TION	. с	NO.	34002	3	SC CTR	770	DON	MILLS	RD.	NORTH	YORK			MONT	гн - "	IUL	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	4 1 9 2 5 3 2 5 9 3	4 1 10 2 7 4 1 7 9	2 1 12 2 7 3 1 6	2 1 14 2 7 3 1 3 10 2	1 0 17 2 6 2 1 3 10 2	1 0 20 3 5 3 1 4 9	1 21 5 4 4 3 6 9 2	1 1 22 7 4 4 3 7 7	1 20 6 2 3 3 5 4 2	0 13 7 2 3 3 3	1 1 4 4 2 3	3	3 3 4 1 2 2	2 1 2 2 2 3 4 1 2 2	2 1 3 2 2 3 4 2 2 3	2 1 3 2 2 3 4 2 2 2 2	1 3 2 2 3 5 3 2 2	1 2 4 1 2 2 4 2 2 2	1 2 5 2 2 2 4 2 2 2	1 4 5 3 3 3 4 2 2	1 4 5 3 4 2 5 3 2 3	1 4 3 3 2 4 5 2	1 5 4 4 2 3 4 8 2 8	1 6 3 4 3 3 4 9 2	1 2 9 3 3 3 3 4 5 3
11 12 13 14 15 16 17 18 19	9 2	10 2	11	10	6	2 2	3	3 4	5	3 4	3	3	DATA DATA DATA DATA DATA DATA	3 2 INVALI INVALI INVALI INVALI INVALI INVALI	D - D - D - D -	4 2	2 2	2 2	2 2	3	2	3	3	2	4 2
21 22 23 24 25 26 27 28 29 30												********	DATA DATA DATA DATA DATA DATA DATA DATA	INVALINVALINVALINVALINVALINVALINVALINVAL											
MEAN	5	5	5	5	4	4	5	5	5	4	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3.5

PERCENTAGE OF DATA VALID - 38.3 PERCENTAGE OF DATA INVALID - 61.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	· c	NO	34007		BATHUR	RST/WI	LSON	NOR	TH YO	RK				MON	тн - ,	JAN	77						
HOUR	1	2	3	4	5	6	7	В	9	10	1.1	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
4.	6	6	5	4	4	4	3	4	4	4	2	2	2	2	2	2	2	4	5	5			1		4
2	5	4	4	3	3	1	4	2	3	4	4	4	2	2	7	13	16	22	18	13	9	10	8	В	7
3	8	6	6	6	6	6	6	9	22	31	22	20	18	18	15	14	17	21	15	11	12	13	15	16	14
4	19	12	11	9	9	9	7	6	9	18	12		3.	4	4		6	11	12	14	24	26	30	37	14
5 6	25	16	9	9	5	4	5	10	13	14	1.1	6	5	3		4	6	9	10	13	11	7	10	10	9
6	10	13	15	12	14	13	13	24	B7	88	BO	41	34	31	25	36	43	44	35	33	16	15	16	17	31
7	15	13	9	8	8	9	15	17	13	7	4	3	3	3		•	4	5	6	6	6	6	6	7	8
8	6	6	6	6	5	5	12	19	31	38	33	27	21	16	18	22	22	20	18	15	1.1	9	7	6	16
9	6	5	4	4	4	4	4	4	4	3	2	2	2	2	4	5	6	10	14	16	15	1.4	11	9	6
10	7	5	4	4	4	5	7	10	11	10	8	8	8	8	4	4	4	5	4	5	4	4	4	4	6
11	4	3	3	3	3	3	4	5	6	6	3	3	3	3	3		7	8	7	8	8	7	8	e	5 8 19
12	9	10	9	В	6	6	8	8	8	9	8	5	5	4	5	5	6	6	10	8	10	12	10	8	8
13	10	7	5	5	5	6	13	26	35	28	28	16	1.1	10	12	15	28	26	32	38	37	24	23	22	19
1.4	18	15	12	В	9	9	18	16	16	15	18	17	22	20	-	67	68	66	60	25	17	15	14	11	24
15	19	18	10	12	8	6	1.0	16	20	23	20	20	19	16	1.1	8	5	6	7	6	5	3	3	5	12
16	7	8	5	4	5	-1	4	3	5	3	3	2	3	3	3	4	5	6	-	6	6	6	7	10	5
17	8	7	В	9	8	10	1.1	13	9	8	В	9	10	140	4	12	5	3	4	4	5	7	8	12	8
18	1.4	1.1	10	1.2	13	1.1	14	17	16	1.2	7	3	3	3	4	5	6	7	5	4	5	6	4	4	12 5 8
19	3	3	4	4	4	4	4	7	9	6	4	4	3	3	3		5	6	8	6	5	4	3	3	5
20	5	6	7	5	4	5	7	7	9	9	11	9	6	4	3	14	6	7	7	9	11	13	11	10	7
21	11	10	9	9	7	7	8	9	11	10	9	6	5	5	**	5	6	9	8	7	5	3	4	3	7
22	5	7	5	4	2	2	2	4	6	5	3	2	2	2	2	3	4	6	6	6	5	6	5	5	4
23	9	14	18	1.1	9	9	8	13	29	20	20	14	17	20	22	30	36	3.3	35	28	25	41	28	19	21
24	21	14	1.1	9	8	10	18	45	68	54	37	38	36	39		45	44	43	34	29	28	29	29	17	31
25	12	13	16	13	12	15	27	48	46	27	25	28	25	22	1.1	8	9	7	6	6	5	5	5	5	1.7
26	10	6	5	5	5	5	9	10	1.4	12	15	14	20	30	25	27	43	48	35	20	15	16	14	6	17
27	3	3	3	2	2	3	6	12	13	10	8	5	5	9		8	13	13	13	17	22	18	22	27	10
28	23	14	12	1.1	1.4	16	31	51	38	29	24	22	15	9	7	1.1	9	10	10	7	4	3	3	3	16
29	5	6	7	7	7	5	5	7	7	7	8	8	8	6	6	7	8	8	13	1.1	10	12	15	13	8
30	9	8	8	7	6	8	8	7	7	5	3	3	3	3	3	3	3	7	9	8	7	5	5	6	6
31	6	4	3	3	4	6	9	16	35	16	10	9	10	9	*	•	29	34	25	16	12	10	6	5	13
MEAN	10	9	8	7	7	7	10	14	19	17	15	12	1.1	10	9	15	15	16	16	13	12	12	11	11	11.8

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	т - г	ITRO	GEN OX	IDES	- CHE	MILUM	MINES	ENT			Ç	INI TS	. 0.0)1 PAR	RTS/M	LLIO	ч						
	STA	TION	- c	NO :	34007	,	BATHUF	RST/W	LSON	NORT	H Y01	RK.				MON	гн - г	EB	77						
HOUR DAY	4	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1	5	2	1	1	1	2	3	4	5	4	3	3	3		3	5	7	10	14	17	15	10	11	15	6
2	14	13	7	4	4	4	5	8	13	31	25	12	6	8	11	20	27	28	23	23	14	10	10	11	14
3	7	6	8	6	6	В	25	39	51	40	28	14	8	4	5	6	4	4	4	3	4	4	5	3	12
4	3	2	2	2	2	4	6	7	10	8	6	4	3	4	4	4	5	6	6	6	6	5 3 2	5	2	5
5	1	1	3	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	2	2
6	2	4	3	2	3	2	2	2	3	3	2	2	3	1	1	1	2	2	2	2	2	2	2	2	2
7	3	1:	1	1	1	2	2	2	3	2	2	2	2	2	3	3	4	7	10	1.1	9	1.1	1.1	13	5
8	16	17	1.5	17	13	12	19	31	45	40	35	31	22	20	19	23	24	32	26	22	17	13	13	12	22
9	6	6	6	6	6	7	13	26	34	35	24	19	19	17	19	16	29	31	32	40	37	28	16	11	20
10	11	10	11	13	19	20	17	10	14	16	9	9	14	31	34	39	50	56	52	51	36	28	30	32	26
11	31	25	17	11	В	8	14	29	34	37	21	18	1.1	7		9	10	12	20 32 3	22 26	17	17	16	20	18
12	24	13	22	10	15	8	21	38	34	28	31	32	32	33	35	37	36 6	36	32	26	27	25	18	20	26
13	17	18	16	10	7	5	6	6	7	9	11	10	13	10	7	6	6	7	3	3	3	3	2	2	В
1.4	1	1	1	71	3	1	2	4	5	3	3	3	3	3	3	3	3	4	3	4	3	4	3	2	3
15	2	1	1	- 1	1	1	1	2	4	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
16	3	3	2	2	2	4	4	4	5	4	4	3	2	2	2	2	2	4	4	4	2	2		2	3
1.7	3	2	3	2	3	3	4	5	10	9	5	3	4	8	1 1	8	7	13	14	13	14	20	19	21	9
18	21	14	8	9	8	12	21	57	74	46	29	30	36	33	35	47	53	47	36 3	31	27	13	10	12	30
19	13	10	9	16	29	34	15	6	3	4	3	3	4	4	4	4	4	3	3	3	4	4	4	4	8
20	3	5	4	2	2	3	4	5	4	3	3	3	3	3	3	3	3	3	4	4	2	2	2	111	3
21	2	2	2	2	2	3	3	5	5	3	2	2	2	2	2	2	3	7	8	11	15	16	16	14	5
22	10	6	7	7	7	6	14	30	38	24	15	13	10	5	5	5	7	1.1	10	10	6	7	7	7	1.1
23	6	6	4	6	7	7	15	18	16	16	13	15	14	18	20	20	21	19	14	17	17	13	11	9	13
24	7	6	5	4	4	5	10	19	24	26	26	26	25	26	48	63		59	52	34	24	28	20	12	24 8
25	14	14	9	7	4	5	1.1	15	15	1.1	12	12	5	4	5	4	5	5	5	6	5	3	4	5	8
25 26	3	2	2	2	2	1	14	1	2	3	2	3	3	3	3	3	3	3	5	22	33	26	17	15	7
27	12	11	11	7	4	2	3	3	5	9	14	21	35	52	39	19	10	6	5	4	3	3	3	2	12
28	1	2	2	1	1	1	3	5	6	6	4	5	3	3	3	3	3	4	7	10	8	7	7	7	4
MEAN	9	7	7	5	6	6	9	14	17	15	12	11	10	11	12	13	12	15	14	14	13	1 1	10	9	10.9

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- 2. *- INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	· c	NO	34007	3	BATHUR	RST/WI	LSON,	NOR	TH YOF	₹K				MON	TH - N	YAN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
10	36	26	16	13	8	11	13	111	14	14	15	15	14	14	15	14	19	22	19	12	15	11	17	1.1	16
2	7	2	1	1	1	2	5	7	7	3	2	2	1	1	1	1	2	2	1	2	2	4	7	3	3
3	1	1	0	0	0	1	7	30	24	14	В	1.1	15	21	22		27	39	35	39	38	35	21	14	18
4	В	7	12	16	16	24	52	44	30	24	24	22	25	28	-	35	36	39	37	34	31	32	22	23	27
5	16	10	5	7	9	4	22	54	46	38	32	34	34	38	41	30	41	37	37	34	32	32	37	43	30
6	43	41	20	9	14	12	12	7	5	3	2	2	2	2	2	2	2	1	1	1	1	2	1	2	В
7	1	1	1	1	1	1	1	1	1	1	1	1	- 1	1	1	1	. 1	1	1	1	1	2	2	3	1
8	5	7	6	5	2	4	3	4	6	9	8	2	1	1	1	1	1		1	1	1	1	1	1	3
9	.1	1	1	0	0	1	1	1	1	1	-1	1	1	1	1	1	1	1	2	1	2	1	1	1	- 7
10	1	1	1	1	1	4	2	2	1	1	1	91	1		1	1	1	1	2	2	2	2	2	2	1
13.	2	3,	1	-1	2	3	5	4	3	2	2	- 1	1	18	27		2	2	17	8	5	6	7	7	6
12	5	5	4	1	2	5	12	9	7	5	2	1	2	2	2	2	2	2	2	3	3	3	3	2	4
13	2		1	1	1	35	2	2	2	2	2	2	2	-	3	3	4	3	2	4	3	2	2	3	2
14	1	1	1	1	2	3	2	1.	3.	1	1	1	14	13	17	10	1	1	1	2	1	2	1	2	3
15	2	2	2	2	3	2	1.	4	7	7	4	1.1	14	13	15	15	19	21	22	28	29	36	33	43	14
16	46	15	7	5	6	10	19	14	46	49	31	28	26	32	29	36	32	22	22	25	34	24	16	16	25
1.7	15	1.1	9	8	10	20	30	23	5	2	2	2	2	2	16	2	2	6	8	14	27	10	4	4	9
1.8	3	1	4	1	-1	3	22	15	7	7	7	3	5	2	- 1	2	2	2	2	1	1	1	1	1	4
19	1	2	1	1	-1	3	3	5	4	2	2	2	4	5	26	30	28	25	28	32	22	18	16	20	12
20	18	17	1.1	8	7.	21	42	30	14	21	26	26	22	24	26	23	24	33	36	38	34	34	27	9	24
21	6	5	8	16	18	13	7	28	21	19	16	14	12	12	12	11	1.1	15	18	23	23	25	23	25	16
22	10	17	25	7	6	1.7	9	9	9	10	10	11	11	9	9	В	1.1	13	15	17	23	21	23	26	14
23	23	21	18	1.1	5	10	13	14	1.1	10	6	12	20	24	12	1.1	16	14	1.6	1.1	35	34	31	21	17
24	19	16	7	6	7	28	51	40	22	12	. 1		23	24	13	4	20	16	9	5	5	6	14	20	17
25	18	11	7	-4	4	4	7	4	3	2	2	2	2	1	- 1	2	2	2	2	1	2	2	2	2	4
26	1	1	1	0	1	2	4	10	23	10	3	3	18	15	22		25	3	2	4	4	2	3	4	7
27	4	6	4	3	3	5	8	9	8	3	2	3	2	5	18	21	7	3	3	4	4	4	5	5	6
28	3	3	2	1	1	2	3	2	2	2	2	2	2	2	2	2	2	1	2	6	8	9	10	12	3
29	13	10	6	3	2	3	4	5	6	7	9	10	1.1	11	13	13	14	16	18	21	27	33	29	10	12
30	4	2	2	2	2	3	4	5	7	14	21	20	21	22	23	28	28	27	25	27	29	32	33	33	17
31	27	16	10	6	3	7.1	49	52	42	33	27	22	18	+		26	29	26	23	20	17	15	1.1	11	22
MEAN	11	8	6	5	4	7	13	14	12	1.1	9	9	11	12	13	12	13	13	13	14	15	14	13	12	11.0

PERCENTAGE OF DATA VALID + 98.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. . INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LE-S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MONTH - JUN BATHURST/WILSON. NORTH YORK STATION - C NO 34007 24 MEAN HOUR 8 12 10 2 33 2 4 2 21 2 7 11 7 1 13 0 3 1 10 13 10 1 6 1 4 12 3 12 10 4 1 10 10 10 5 1 0 2 2 1 6 5 4 12 1 4 0 1 1 2 3 4 5 6 7 8 9 10 4 23 3 1 3 21 3 32 23 24 1 38 28 16 1 41 17 22 14 33 33 27 2 25 30 2 31 8 26 29 27 27 27 26 29 1 40 32 12 13 14 15 16 17 18 19 20 0 0 1 4 1 18 9 3 19 1 35 24 6 35 4 38 35 0 1 1 5 1 1 1 2 20 21 22 32 20 21 22 32 21 23 27 25 23 22 30 1 1 1 DATA UNAVAILABLE DATA UNAVAILABLE 33 2 35 26 12 43 20 64 33 26 36 12 44 9 24 23 18 25 2 15 19 29 22 21 27 1 39 17 5 32 32 2 21 30 13 30 20 3 22 21 22 26 7 32 34 3 23 25 16 4 30 19 2 24 22 21 2 3 34 15 2 21 22 12 2 20 31 9 6 23 21 6 22 23 24 25 26 27 28 29 4 50 15 1 36 48 19 5 22 37 5 1 23 26 4 28 4 15 7 1 17 9 2 29 19 2 15 23 11 24 63 16 43 40 27 24 25 11 1 24 29 4 6 11 11 12 24 3 5 21 35 5 1 20 20 4 34 50 17 1 30 35 18 37 19 1 22 19 3 42 13 37 3 5 23 21 3 25 31 13 19 23 27 26 12 1 21 21 3 20 9 1 13 6 3 18 5 1 20 8 3 31 17 2 14 12 6 1 25 19 3 26 15 3 26 3 32 10.2 MEAN

PERCENTAGE OF DATA VALID - 88.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 11.1

- 2. -- INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - Q.O. PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP HOUR 24 MEAN 35 2 15 5 3 14 2 23 16 3 4 31 30 23 3 47 2 19 3 21 2 6 22 21 7 2 36 45 29 29 24 26 45 11 2 5 27 35 11 2 26 23 2 32 27 22 22 79 36 45 31 23 42 38 25 2 41 25 2 40 21 2 60 32 7 34 2 27 24 2 45 29 3 46 22 51 20 2 50 14 2 11 43 8 19 29 33 5 30 44 13 20 23 29 12 13 14 15 16 17 18 19 20 17 12 3 10 20 10 3 5 9 21 21 4 65 39 4 54 62 41 15 3 69 46 4 99 70 35 16 5 36 65 46 3 38 58 9 25 43 33 43 47 3 30 63 4 25 38 32 14 39 3 28 54 2 31 36 45 33 51 2 35 38 41 16 41 36 46 3 35 59 2 19 53 32 10 22 49 10 11 11 28 21 16 15 23 30 22 12 10 24 23 6 18 25 26 13 15 7 25 38 6 26 66 6 7 15 34 14 31 6 20 67 6 10 13 28 8 45 69 61 18 19 33 36 43 24 52 36 35 20 53 39 56 2 35 40 55 56 3 43 51 2 26 54 58 32 4 35 57 3 3 15 16 5 33 28 16 2 14 46 10 15 16 2 6 17 20 5 14 8 4 17 3 25 45 62 44 3 31 20 55 25 22 23 24 25 26 27 28 29 30 35 14 2 17 6 3 3 20 7 2 11 63 28 21 34 18 5 4 50 26 26 37 7 3 8 48 19 37 53 18 34 3 4 50 18 33 2 5 59 54 13 40 4 42 54 11 43 5 5 9 32 58 11 63 69 53 8 46 7 6 10 28 4 56 31 9 23 8 5 11 19 5 22 44 16 29 16 5 4 11 5 2 5 9 4 39 22 33 32 2 2 4 4 1 9 4 1 1 1 44 48 60 18 6 43 9 40 4 5 60 9 69 11 6 27 13 47 13 25 32 33 4 2 49 6 3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

18.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT . NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION BATHURST/WILSON, NORTH YORK MONTH - OCT STATION - C NO 34007 HOUR DAY 3 4 11 12 7 40 8 6 74 3 4 25 12 8 24 8 3 63 5 4 35 7 6 17 9 3 55 2 2 2 43 3 2 17 7 4 9 11 5 64 11 11 89 3 7 25 5 33 16 7 2 3 60 3 3 8 26 9 18 9 15 11 5 75 12 13 35 65 15 10 22 8 3 6 2 7 11 43 24 5 4 53 19 11 5 2 41 24 10 2 3 48 21 11 39 25 3 5 47 18 5 4 19 3 5 9 6 7 8 9 15 2 2 5 3 1 13 5 15 54 24 10 2 27 7 27 3 5 55 31 40 43 21 1 6 49 16 7 5 70 59 51 62 34 30 57 37 5 47 41 5 8 9 32 19 21 23 55 16 1 3 50 55 6 6 26 17 11 1 2 38 9 52 54 36 2 2 38 6 3 573 51 41 2 3 48 5 5 43 31 5 18 30 50 11 24 24 47 36 11 64 50 17 1 2 36 65 5 5 56 40 25 8 42 19 23 1 2 38 7 12 13 14 15 16 17 18 19 7 10 9 15 11 1 0 38 19 52 35 4 64 37 45 14 26 20 39 3 43 7 6 40 3 58 4 55 6 34 4 16 65 4 65 18 62 5 16 40 26 3 11 4 16 12 36 9 19 3 5 30 56 57 35 33 3 27 38 39 52 39 49 30 19 34 81 81 18 61 64 43 35 44 96 77 37 66 58 95 72 29 50 11 68 78 5 68 69 66 35 39 10 58 90 3 75 64 74 4B 5 4 3 21 63 96 41 48 22 23 24 25 26 27 28 29 30 11 27 41 54 16 15 5 12 25 36 20 3 4 7 14 23 19 2 17 84 104 54 27 25 55 24 48 67 28 54 4 50 53 7 2 8 9 16 32 21 73 80 23 28 11 35 53 72 8 3 20 23 24 64 37 94 73 89 41 9 47 58 90 66 54 8 46 4 25 30 13 3 9 38 3 27 49 3 22 6 13 4 11 27 98 16 7 6 25 39 49 57 MEAN

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID . O.O.

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

" - " INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLIUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - D.OI PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 77 6 7 HOUR 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 4 5 6 7 8 9 3 2 3 14 4 8 49 19 47 7 10 18 9 7 25 2 14 62 5 14 1 12 13 14 15 16 17 18 19 20 3 10 3 2 2 3 3 13 3 10 40 5 17 29 19 3 2 3 3 10 5 22 23 24 25 26 27 28 6 3 7 MEAN 4.4

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	Y - 1	NITROC	EN OX	IDES	- CHE	M1 LUM	INES	CENT			į.	INITS	- 0.0)1 PAF	RTS/M]	LLION	N						
	STA	TION	- C	NO 3	35003	Ę	ELMCRE	ST RO	AD.	ETOBIO	COKE					MON	тн - г	EB	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	ΕΔΝ
1 2 3 4 5 6 7 8 9	1 3 2 3 1 3 4 6 2 6	1 4 2 3 1 2 4 4 4 2 7	1 4 3 3 1 3 1 4 3 5	1 4 3 2 1 2 1 2 3 5	1 2 2 3 1 2 2 3 2 9	2 2 2 3 1 1 1 3 2 1 2	2 5 3 3 1 1 2 3 2 1 1	3 8 4 3 2 1 3 5 4 1 7	4 9 5 9 1 2 3 1 1 3 1 8	3 6 4 9 1 2 2 9 3	3 4 1 2 2 7 3 5	2 2 3 2 1 2 5 3 2	3 2 2 1 1 3 3 3	223311236	2 2 3 1 2 2 3 4 6	2 2 4 1 2 4 3 4 7	3 3 3 1 2 8 4 7	7 135333152515	9 2 3 6 3 16 2 9	10 3 4 8 2 3 12 3 12	4 2 3 5 1 3 9 2 1 9	2235329299	2 3 4 3 2 10 1 11	2 2 3 3 3 8 1 10 22	3 3 3 4 2 2 5 4 5
11 12 13 14 15 16 17 18	12 4 4 0 2 4 2 3 6 2	10 4 6 0 1 2 2 2 6 2	10340122291	6 4 3 0 2 2 1 2 6 1	4 4 3 1 2 3 2 7 2	3 4 2 1 2 3 2 3 9 2	3 4 2 2 1 3 4 4 7 2	3 1 3 1 8 6 7 3 3	4 1 4 2 7 8 12 3	3 5 2 1 4 7 13 2	3 5 1 2 1 3 4 10 2	4 5 2 2 0 1 2	4 1 ! 2 2 1 1 2 9 2	4 8 2 1 2 2 9 2	3000010000	4 10 2 2 2 2 2 2 8 2 2	6 6 2 2 2 3 2 8 2 1	5 6 2 3 3 3 3 1 1	4 5 1 4 3 3 5 3	5 7 1 5 3 4 7 3	5 1 5 3 2 4 5 2 1	4 5 1 4 2 2 5 4 2	4 5 1 3 2 1 6 3 2 1	4 1 2 3 1 5 4 3 1	5 6 2 2 3 3 6 4 2
21 22 23 24 25 26 27 28	1 1 1 8 2 3 2 4 2	1 2 15 2 4 2 4	1 2 7 2 3 2 4 2	3 2 2 2 3 2	1 3 2 2 2 2 2 2	2 2 2 2 2 2 2	23242232	34252335	2 4 3 6 2 2 3 5	2 3 8 2 1 5	1 2 3 7 2 1 7	1 2 3 7 2 1 12 2	2 3 7 0 16 2	1 3 3 9 2 1 18 2	2 3 3 15 2 2	2 3 3 13 2 2	4 4 13 3 2 2 3	3 7 4 11 3 3 2 3	5 10 3 11 3 3 3	2 17 3 3 2 5 3 2	2 12 3 4 1 5 3	2 9 3 4 2 3 1 2	2 15 2 1 4 2 3	2 15 2 1 2 5 2 2	2 5 4 6 2 2 5 2
MEAN	4	3	3	2	3	3	3	4	5	4	3	3	3	4	3	3	4	5	5	5	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD ETOBICORE MONTH - MAR HOUR DAY 24 MEAN 20 5 35 6 3 24 12 13 14 15 16 17 18 19 20 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 12 2 3 5 2 5 23 4 2 3 2 16 19 26 22 23 24 25 26 27 28 29 30 4 11 2 2 1 23 7 14 6 7 18 15 25 22 B 12 15 2 2 13 9 MEAN 5.7

PERCENTAGE OF DATA VALID - 82.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 17.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH . APR HOUR 24 MEAN 17 6 2 4 5 8 3 3 3 6 0 2 8 0 2 3 4 8 10 2 4 5 4 12 13 14 15 16 17 18 19 20 3 4 3 1 3 9 3 2 7 5 2 4 3 6 18 14 15 0 4 2 1 27 17 18 3 2 10 7 8 27 7 3 15 7 15 13 17 10 6 29 8 9 29 20 14 7 7 8 16 22 23 24 25 26 27 5 6 MEAN 5.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN GXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MONTH - JUL ELMCREST ROAD, ETOBICOKE STATION - C NO 35003 20 21 22 23 24 MEAN 9 10 11 12 13 14 15 16 17 18 DAY 21 2 10 5 В 12 13 14 15 16 17 18 19 20 4 4 4 5 3 4 3 3 2 3 2 10 4 2 2 1 2 22 23 24 25 26 27 3 2 3 29 30 MEAN 3.9

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.3

- 2. *-* INDICATES DATA IS UNAVAILABLE
 - 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS . D.O1 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT ELMCREST ROAD, ETOBICOKE MONTH - AUG STATION - C NO 35003 12 13 14 20 21 22 23 24 MEAN HOUR 5 16 9 7 10 2 4 5 5 10 8 7 5 7 4 6 13 8 3 10 6 16 4 5 6 3 4 11 4 12 5 7 5 10 7 12 13 14 15 16 10 10 5 6 17 5 5 6 7 5 2 8 4 2 6 2 3 5 2 19 20 3 2 2 2 4 3 8 2 3 2 ò 6 4 2 8 4 6 2 3 17 24 25 26 27 28 29 30 15 50 12 6 5 13 19 4 3 Ó 9 7 15 16 5 3 3 5.3 MEAN

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTA	r - 1	VITRO	GEN D	IDES	- CHE	MILUN	INES	CENT			t	INITS	- 0.0	01 PA	RTS/M	LLIO	N						
	514	TION	· c	NO :	35003	3	ELMCRE	ST RO	DAD.	ETOBIC	OKE					MON	тн - ј	VOV	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5	4 11 9 36 3	3 6 7 33 3 5	3 6 6 36 3	3 7 5 31 2 3	4 6 6 37 2 3	4 6 7 22 2	8 9 12 3	12 18 39 24 3	6 22 57 13 3	5 12 51 7 3	3 8 15 6 4 5	4 6 11 6 4	4 6 7 5 4 6	5 7 8 5 4 7	7 7 10 - 5	6 11 13 6 5	14 14 28 6 5	17 16 41 8 6	16 12 26 7 5	12 15 5 6	11 10 12 6 5	10 10 16 5	12 10 20 7 5	14 11 29 8 5	8 10 19 14 4
7 B 9	5 2 1 4 5	2 1 4 4	2 1 3 4	2 1 3 4	2 1 2 3	2 1 3 3	3 1 4 6	5 3 7 9	6 5 8 14	6 5 8 9	5 3 7 7	4 6 4	3 4 - 5	3 6 2	3 5 7 2	3 5 8 2	3 5 8 3	4 6 9 3	3 5 9 3	3 5 7 4	3 5 5 3	2 3 4 3	4 4 2	2 4 5 2	3 3 6 4
11 12 13 14 15 16 17 18 19	2 2 1 12 3 1 11 3 2	2 2 1 7 4 1 9 3 2 15	2 1 1 6 5 2 5 3 2 1 1	2 0 4 5 2 3 2 6	2105523223	2 2 0 5 5 2 4 2 2 2	2 1 6 7 3 3 2 1	2 1 13 14 8 10 3 4	2 1 15 20 7 9 2 3 2	2 2 0 9 19 4 8 2 2	2214248222	2 2 1 2 4 7 2 2 2 2	2 1 3 7 2 2 2	2 1 2 9 4 10 2 3	2 1 2 3 5 7 2 2 3	2 1 2 3 . 5 5 2 3 3	2 1 3 7 6 4 3 3 3	2 1 3 6 4 6 5 4 7 3	2 1 6 5 4 5 4 3 8 3	2 1 8 9 4 4 3 2 8 3	1 16 9 3 5 3 2 8 6	1 19 8 3 7 4 2 10 5	2 1 17 7 3 5 4 2	4 1 10 5 3 7 3 2 10 3	2 1 4 6 7 4 6 2 4
21 22 23 24 25 26 27 28 29 30	2 2 15 5 4 5 1 2 3	1 10 4 4 3 2 3 4 26	2 1 7 4 3 3 2 3 4 36	2 1 5 3 7 3 1 5 3 3	1 5 3 3 1 5 2 26	2 1 3 3 3 2 1 5 4 22	2 1 3 4 8 2 2 6 9	3 4 5 10 2 1 9 14 35	4 6 3 6 2 1 12 11 27	3 4 3 6 3 2 2 11 10	3 2 3 4 3 2 2 6 7	3 2 3 4 3 1 2 5 7	1 2 4 2 3 1 2 3 3 8	1 2 5 2 3 1 4 3 3	1 3 5 3 4 1 5 3 6 9	1 3 6 3 5 1 5 3	3 6 7 3 5 1 5 3 12	4 15 7 4 5 1 5 4 13	2 14 7 4 5 1 3 13	2 19 6 4 5 1 3 2 20 8	1 23 6 4 3 1 3 2 31 7	1 21 5 4 4 1 3 2 22 7	28 64 52 33 97	2 24 4 3 4 1 3 4 9	2 8 6 4 5 2 3 4 10
MEAN	6	6	6	5	5	4	5	9	9	7	5	4	3	4	4	5	6	В	7	7	7	6	7	6	5.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - 1	NITRO	GEN O	CIDES	- CHE	MILUN	VINES	CENT			ι	INITS	. 0.0	1 PA	RTS/M	ILL10	N						
	STA	TION	· с	NO.	35003	i	ELMCPE	ST RO	DAD.	ETOBIC	COKE					MON	тн - (DEC	77						
HOUR DAY	y	2	3	4	5	6	7	В	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	4	3	4	6	1 1	12	1.1	8	3	5	6	5	4	4	2	1	i	,	ri	11	5
2	0	1	1	1	0	0		50	100	200		-	-0	já.		16	6	6	5	5	-6	6	5	6	
3	6	6	5	5	4	4	4	4	6	7	6	5	5	7	6	5	4 3 3	7	6	5	4	4	2	3	5
4	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	4	3	6	10	16	17	17	25	28	7
5	22	13	8	4	3	2	2	4	6	6	4	4	3	3	3	3	3	3	3	3	3	3	2	- 1	5
6	1	1	1	1	1	1	1	3	4	3	3	2	1	3	9	3	3	4	4	3	3	3	3	3	2
7	1	1	1	3	5	9	13	15	18	9	4	4	4	2	3	12	3 5 8	7	10	1.1	6	4	4	5	6
8	9	9	12	13	9	8	1.3	36	36	54	66	45	10	23	33	12	8	7	5	3	3	3	3	3	18
9	3	4	4	4	3	3	3	3	3	4	3	3	3	90	2	3	3	4	3	3	2	1	1	1	3
10	3	5	8	5	3	3	9	16	10	1.1	4	4	3	3	5	11	22	22	33	37	41	32	15	13	13
1.1	35	22	1.2	9	12	В	9	13	20	16	13	6	4	7	8	12	19	25	37	39	37	44	40	33	20
12	17	12	12	1.4	1.2	13	18	40	21	7	7	7	8	9	11	13	17	22	17	1.1	10	1.1	8	5	13
13	4	4	4	5	5	6	7	14	16	1.4	13	10	10	1.1	13	15	15	16	13	13	12	1 1	12	12	11
14	10	12	¥	4.5			(8)	9		1.6							13	12	1.1	10	9	8	7	8	
15	7	6	6	5	5	5	8	13	13	12	13	12	1.1	13	13	10	13	12	11	7	6	7	7	4	9
16	4	4	4	4	4	4	4	10	7	13	14	13	12	В	12	11	15	15	14	13	9	9	7	7	9
17	7	6	5	5	4	4	4	4	4	2	4	4	3	4	5	5	3	4		3	3	3	3	3	4
18	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3
19	3	3	2	2	2	2	3	4	4	4	5	5	5	5	120	6	6	6	5	3	3	3	3	4	ā
20	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	5	7	В	13	10	5	4	3	3	4
21	3	3	5	6	6	3	3	5	9	4	3	4	3	4	4	6	7	12	13	10	3	3	3	4	5
22	1	1	1	1	1	1	3	4	5	4	4	4	4	3	3	3	3	3	1	1	1	1	1	1	2
23	1	1	1		1	2	3	3	3	3	2	2	2	2	2	3	3	2	2	2	3	4	3	5	2
24	9	6	5	5	5	4	4	5	6	9	9	6	8	9	10	10	10	7	7	6	6	4	5	3	7
25	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	7	1	1	1	1	1	1	9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
27	1	1	1	1	1	1	1	3	1	1	2	1	1	1	5	1	3	3	4	3	4	3	3	2	2
28	2	2	1	1	1	2	2	3	3	3	2	2	1	1		1	1	2	1	2	2	2	2	2	2
29	3	3	3	3	3	3	3	4	4	4	3	2	2	2	3	3	3	4	4	5	5	6	6	6	4
30	6	15	18	13	12	13	1.1		16	50	22	13	13	9	11	9	13	15	22	27	32	33	29	23	17
31	12	9	5	5	3	2	3	3	3	6	7	6	6	5	5	5	7	6	6	6	6	6	6	7	6
MEAN	6	5	5	4	4	4	5	8	8	8	8	6	5	5	7	6	7	8	9	9	8	8	7	6	6 5

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 1.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	¥1 - 1	NITRO	GEN O	CIDES	- CHE	MILUN	INES	ENT			L	NILZ	. 0.0	DI PAR	RTS/MI	LLION	•						
	STA	TION	C	NO	35033	6	VANS/	ARNOL	D AVE	. ET(DBICO	κE				MON	rн - J	AN	77						
HOUR	3	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	TEAN
j	8	1.1	16	13	7	3	3	3	3	3	4	5	6	6	В	9	11	11	8	8	7	6	11	8	7
2	5	4	4	6	4	3	3	3	-1	3	3	3	5	4	3	3	5	6	5	5	5	5	5	6	6
3	4	4	4	4	4	5.	10	10	8	9	7	7	7	7	7	. 7	7	7	7	6	.5	5 16	13	22	14
4	6	8	7	5	6	7	12	22	12	13	14	13	1.1	12	14	16	16	22	25	26	27 15	13	12	17	20
5	27	27	2.2	8	7	10	18	34	38	35	23	20	18	7	15	17	23	28	23	19	15	3	4	5	17
6	20	1.7	13	15	15	1.8	28	42	58	43	13	18	11	9	8	9	17	17	10	13	14	11	9	11	11
7	5	5	4		4	7	. 9	13	23		13	8	6	6	12	6	5	4	4	5	5	5	7	11	9
9	13	12	12	8	8	7	12	18	23	7 6	6	8	9	10	12	14	14	13	12	11	11	8	7	6	8
10	10	7	4	3	3 5	5	3	4	5 6	7	7	7	7	6	6	3	3	3	3	3	3	3	2	2	4
10	74	3	5	. 44	2	2	**	-	0		100			0	0	9	-			3	3	-	975		
1.1	3	3	3	5	12	11		4			1.1	10	10	в	9	10	1.1	9	6	5	5	6	6	6	7
12	8	6	4	4	4	5	8	17	20	15	13	12	1.1	11	13	15	16	17	20	17	14	8	8	9	11
13	8	5	5	4	5	7	9	13	15	16	9	7	9	9	7	9	12	9	11	10	5	5	5	7	8
14	7	7	7	8	5 8	12	17	27	37	38	33	29	22	18	23	20	20	33	39	40	39	40	31	24	24
15	24	22	13	9	6	4	4	4	3	4	4	3	4	4	4	10	10	9	9	10	10	6	7	10	8
16	8	6	4	3	3	3	3	-	4	4	4	4		5	5	6	6	7	7	7	8	7	9	10	6
17	9	10	6	3	4	4	6	6	7	7	6	6	6	6	6	6	11	10	8	7	6	6	8	8	7
18	7	6	-5	4	4	6	14	27	29	19	14	12	9	8	9	1.4	18	15	11	10	7	6	6	7	1.3
19	7	6	5	5	5	7	16	25	32	20	15	13	12	13	15	16	21	20	21	23	23	18	12	10	15
20	6	5	3	-4	4	6	12	16	13	8	7	7	10	1.1	1.1	14	13	10	10	8	7	В	10	10	9
21	7	7	7	7	6	7	13	17	22	16	16	15	16		15	19	23	25	18	17	11	10	8	10	14
22	7	5	4	4	3	3	5	6	7	8	7	8	8	10	10	12	1.1	13	15	12	12	9	13	16	9
23	17	17	16	12	9	10	12	13	17	6	4	3	4	4	5	6	6	7	6	6	7	8	6	5	9
24	6	5	4	4	4	5	7	10	13	1.1	12		10	10	12	10	13	13	9	12	13	10	11	11	9
25	10	8	5	5	6	6	9	13	14	14	13	12	12	14	14	12	21	14	10	13	10	9	9	9	11
26	3	3	3	2	2	3	5	7	7	6	5	5	6	8	7	5	6 6	5	3	3	4	3	4	4	4
27	1	1	0	7	1	2	13	3	3	3	9	3	2	3	4	4	4	3	5	5	4	2	2	2	3 5
28	4	3	3	4	4	10	13	7	8			3	3	3		3	3	3	3			2	2	2	9
29	2	1	1	1	1	3	3	2	1	2	2	3	3	2	3	4	4	3	3	2	2	2	,	- 1	2 2
30	3	3	2	2	3	3		-	2		-				-	- 7	•	-		_	170	_			
31	1	1	1	1	3	,	2	3	4	5	4	4	4	5	5	5	5	5	4	5	4	4	6	5	4
MEAN	8	7	6	5	5	6	9	13	15	12	10	9	9	8	9	10	11	1.1	11	10	9	8	8	8	9.1

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " ---- INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT . AIR RESORCES BRANCH

	POL	LUTAN	τ.,	NITRO	GEN OX	IDES	- CHE	MILUM	INESC	ENT			u	NITS	- 0.0	1 PAR	TS/MI	LLIO	V						
	STA	TION	- с	NO :	35033		EVANS,	ARNOL	D AVE	, ETC	BICOM	(E				MONT	тн - т	EB	77						
HOUR	•	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1	3	3	3	3	3	3	4	12	18	16	10	10	1.1	9	9	12	16	22	23	19	13	9	7	7	10
2	12	9	Q.	8	5	4	1.1	19	13	13	7	8	10	8		5	5	5	5	7	5	5	5	4	8
3	5	5	7	8	5	4	5	8	9	10	7	6	9	12	12	8	10	13	15	9	1.1	1.1	9	8	8
4	10	6	5	4	3	5	9	16	24	22	14	13	9	6	9	11	1.4	15	17	22	18	14	12	10	12
5	9	7	4	3	2	2	3	5	5	7	6	7	9	8		8	8	9	12	11	8	7	8	10	7
6	9	6	7	5	3	3	3	5	5	5	4	4	5	7	7	7	8	8	8	В	9	7	8	8	6
7	7	6	- 2	3	3	5	7	13	14	13	1.1	11	10	1.1	13	14	21	28	30	18	16	1.8	15	1.1	13
В	14	9	6	4	6	6	7	12	13	17	15	12	8	5	5	6	6	6	5	4	4	4	3	2	7
9	4	4	Δ	4	4	4	4	7	9	8	6	6	6	7	6	7	8	10	1.1	14	11	17	18	22	8
10	19	13	9	8	18	24	23	32	37	32	23	13	9	7	7	9	12	17	9	7	6	6	1.1	12	15
1.1	9	8	10	14	7	5	4	6	8	7	7	8	15 TA UNI	13	.0.5		8,	*			٠		-	(#C - 5)	,
12												- Da	IA UNI	AVAIL			3	3	5	5	4	3	2	3	
13	.0.		3.77		21	9	*1	- 2	(Parc	160	2		7	0	2	3	12	13	13		11	2	7	7	7
1.4	2	1	1	1	1	1.	5 7	9	16	8	6	9	7	7	8	9	9	10	9	14	8	6	6	6	7
15	6	3	2	2	2	2		17	13	12	10	8	7	8		11	13	16		9	7	8	6	9	10
16	5	3	3	4	4	5	9	22	24	18	9	8	7		11		3	4	10	7	6	7	6	5	7
17	7	3	3	3	3	4	9	18	24	18	10	6	4	4	3	. 3	10		8	8	6	6	6	5	8
18	5	5	4	4	4	5	9	13	14	8	7	7	9	8	11	13	10	11			15	7	10	11	11
19	6	13	1.1	13	12	11	12	1.1	1.1	9	8	8	В	10	10	12	14	13	13	16	15	7	8	7	7
20	12	12	8	5	5	5	5	5	6	6	6	6	6	7	7	9	8	9			,		ř	-	
21	5	3	3	3	2	3	7	14	13	9	9	***	9	В	8	9	1.1	9	7	6	5	5	4	5	7
22	3	4	4	4	4	4	7	8	8	8	6	6 5 18 8	5	8	8	12	22	28	23	26	16	19	24	24	12
23	23	19	13	7	4	3		3	4	5	5	5	6	9	В	7	7	5	3	4	4	4	4	3	7 9 6
24	2	3	3	4	4	4	6	10	10	15	18	18	17	16	15	10	10	9	15	5	7	5 7	4	7	9
25	5	4	3	3	3	3	5	5	6	6	6	8	8	10			11	9	9	6	6		4		
25 26	5 6	5	3 3	2	2	3 3 2	6	7	8	8	6	7	9	8	9	1.1	14	19	13	8	5	4	4	3	7
27	7	7	5	3	3	2	2	3	6	14	17	19	-	18	9	4	3	4	6	3	5	3	3	4	7
28	4	2	2	2	3	4	9	19	18	22	16	10	9	8	8	10	11	13	5	5	3	4	4	4	8
MEAN	8	6	5	5	4	5	7	12	13	12	10	9	8	9	8	9	10	12	1.1	10	8	3	8	2	£ 5

PERCENTAGE OF DATA VALID - 92.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 8.0

- 2. * .* INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - MAY 24 MEAN HOUR 12 6 23 11 12 11 6 10 12 4 12 10 12 10 7 12 14 15 6 5 1 5 8 1 5 1 0 8 6 1 3 1 2 10 5 36 27 39 13 18 6 13 26 23 43 11 23 4 9 20 30 28 11 11 10 18 17 18 9 6 24 34 18 29 21 16 28 11 13 13 29 18 24 7 17 2 6 16 30 5 11 2 11 10 10 8 4 5 5 7 8 9 10 9 14 19 9 14 18 6 2 9 12 9 12 10 52 17 11 9 19 19 16 7 10 18 18 12 16 15 15 24 15 19 7 3 8 12 17 7 9 12 22 10 3 7 8 16 7 8 18 13 13 23 11 16 12 14 12 13 14 15 16 17 18 19 20 12 13 5 4 6 17 23 8 5 45 19 8 66 25 9 54 45 26 44 22 12 12 29 23 19 26 31 34 17 9 5 16 14 15 21 19 18 5 2 10 14 14 14 27 15 16 3 19 18 12 11 13 16 15 15 6 4 4 3 11 16 19 14 51 14 12 11 16 12 10 10 29 22 10 8 21 6 9 16 13 9 12 15 26 17 13 7 5 62 11 19 28 12 12 12 10 10 10 10 12 13 10 12 10 10 5 9 5 11 7 9 23 14 10 16 9 6 15 5 9 10 11 19 9 33 15 6 33 6 13 4 11 18 8 9 18 25 24 36 11 2 5 2 6 22 23 24 25 26 27 28 29 30 10 7 7 6 93 31 13 7 15 18 7 17 15 5 13 9 2 12 14 6 12 8 2 5 12 9 12 6 9 14 6 7 16 20 19 23 17 26 7 17 3 7 23 16 8 16 38 14 3 15 10 3 5 B 2 10 25 12.8 1.1 MEAN

PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT EVANS/ARNOLD AVE. ETOBICOKE STATION - C NO 35033 MONTH - JUN 24 MEAN 1.1 HOUR 17 7 10 15 19 10 8 11 14 16 10 14 9 10 12 9 7 12 7 6 4 14 6 6 7 15 10 9 23 16 9 17 7 10 9 10 18 7 27 15 4 6 9 18 5 17 9 12 9 11 15 13 7 13 10 12 12 44 20 19 6 9 6 25 13 17 17 30 13 23 4 14 11 18 20 17 27 18 13 11 14 10 10 11 12 28 29 25 3 4 4 3 3 4 4 3 5 6 6 7 10 9 12 6 4 15 19 7 32 15 18 14 11 16 10 12 12 17 11 8 14 14 7 14 7 16 6 15 18 6 25 13 17 16 11 31 6 38 11 17 11 19 8 5 27 27 32 20 21 10 5 34 6 25 13 30 13 18 12 5 12 13 14 15 16 17 18 19 20 20 10 5 28 18 14 17 8 5 10 12 7 7 7 8 4 14 12 10 8 5 6 6 33 22 12 8 7 14 11 7 9 15 11 8 18 15 12 8 16 13 10 14 12 8 12 7 44 38 40 15 30 5 14 13 17 13 9 12 11 9 7 7 5 11 19 5 9 7 8 5 38 10 13 26 35 29 10 6 38 16 10 12 7 11 11 10 8 4 12 20 6 22 23 24 25 26 27 28 29 24 27 28 8 6 36 13 12 10 9 10 12 8 10 11 8 24 33 22 15 22 18 9 7 14 9 8 32 7 6 20 11 9 28 9 26 6 7 22 8 5 8 7 11 9 10 9 9 10 8 6 10 9 12 6 5 5 9 7 5 8 2 13 22 B R 11.3 MEAN

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	- c	NO	35033	ŧ	VANS,	ARNOL	D AVE	. ETC	BICO	KE.				MON	H - 5	EP	77						
HOUR DAY	i	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
Ť	- 1	4	2			-			-						27	22	28	36	32	30	29	38	33	30	
2	23	18	16	19	142	20	100	-	40		38	21	20	18	16	19	14	11	13	15	39	33	16	66	23
3	34	12	8	7	8	16	26	22	20	21	22	20	18	17	17	17	18	20	21	21	20	18	20	23	19
4	26	17	14	10	1.1	18	22	17	9	3	3	5	5	4	4	6	6	7	7	10	9	9	8	10	10
5	В	7	7	7	8	1.1	1.1	11	1.2	16	16	17	16	14	14	14	15	14	15	14	15	1.7	19	16	13
6	9		- 3		-	100		The Control	-	24	19	18	15			18	19	19	18	17	18	15	14	1.1	
7	В	7	5	6	8	25	36	28	6	4	4	4	4	4	4	4	4	3	2	3	2	2	1	1	7
8	8 2	2	2	4	6	25	36 31	28 25	19	8	6	4	4	4	4	4	3	4	4	3	3	3	3	4	7
9	3	4	5	12	13	10	1.1	7	6	100	6	6	5	5	5	6	5	5	5	4	4	4	5	5	6
10	8	5	3	2	2	2	4	3	4	6	5	5	6	6	7	6	8	9	9	6	5	7	2.0	9	6
1.1	8	6	5	2	2	4	6	5	6	4	4	4	5	3	- 7	1	1	1	2	19	25	27	27	11	н.
12	8	7	7	8	14	1.9	1.7		18	1.6	10	3	3	4	3	6	5		+	Æ		-	*	500	9
13	D-		391	-			*		- 1	*		16	6	8	В	1.1	7	14	7	7	1.1	20	17	14	
14	8	9	7	5	4	12	20	18	11	9	9	13		12	15	17	17	16	15	17	23	35	34	27	15
15	9	5	7	7	12	35	62	40	9	6	4	4	4	5	5	5	4	4	3	3	3	3	3	3	10
16	3	3	4	4	*			1.1			10	8	9	9	1.1	23	19	40	44	16	20	24	25	52	18
1.7	35	25	22	18	10	12	1.2		12	9	5.1		56	100	10				19	24	24	22	21	28	18
18	28	24	22	17	10	8	9	7		12	1.1	1.0	8	4	7	7	20	16	13	15	38	3.4	35	23	17
19	12	5	5	6	10	1.7	25	19	15		*	7	12	14	8	20	24	26	6	4	2	3	3	2	1.1
20	4	3	3	3	3	2	4	6	5	7	15	21	14	16	14	9	5	4	3	3	1	1	1	1	6
21	5	6	6	6	7	18	33	30	24	20	19	17	19	21	23	29	26	26	20	17	14	1.1	11	9	17
22	6	4	4	6	10	23	36	36	26	20	16	13	1.1	12	10	10	5	5	5	6	45	59	52	43	19
23	30	8	В	6	1.1	28	42	37	22		11	6	4	4	17	8	5	5	4	6	21	24	16	16	15
24	4	2	4	5	6	1 1	15	1 1	6	6	6	6	6	5	4	4	3	3	3	3	6	7	7	6	6
25	6	6	4	3	3	5	7	7	13	10	6	6	4	12	B	В	7	10	14	19 B	8	6	5	4	7
26	5	4	4	3	3	4	21	1.0	9		7	В	12	10	12	14	14	12	8	8	10	9	7	4	9
27	3	3	3	3	3	6	1.1	10	10	11	13	1.1	10		В	12	14	17	19	14	12	10	В	8	10
28	5	3	3	3	4	14	24	24	17	12	1.1	14	11	14	15	17	20	16	15	16	28	29	25	15	15
29	1.1	6	5	7	12	33	4B	45	34	17	1.1	13	14	15	9	7	8	9	1.1	10	8	8	7	7	15
30	9	9	13	13	20	17	22	25		24	13	16	18	23	24	24	18	33	32	21	21	14	15	20	19
MEAN	11	В	7	7	8	15	22	19	14	12	11	10	10	10	11	12	12	14	13	12	16	17	15	16	12.6

PERCENTAGE OF DATA VALID - 89.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.1

NOTES 1. " ... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - N	ITRO	GEN OX	IDES	- CH	EMILUN	INESC	ENT			L	NITS	- 0.0	1 PAR	RTS/MI	LLION	4						
	STA	TION	. с	NO :	35033	1	EVANS	/ARNOL	D AVE	. ETC	BICOR	₹E.				MONT	гн - с	TOCT	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
30	21	13	5	4	6	7	11	12	12	12	14	16	15	13	13	14	1.7	18	14	11	9	8	9	8	12
2	8	6	3	2	2	4	5	5	6	8	10	12	12	10	10	12	17	23	19	32	20	24	25	9	12
3	3	2	2	2	7	22	31	24	13	10	9	10	10	1.1	14	14	15	14	12	15	12	17	17	11	12
4	6	4	3	3	7	20	35	32	20	14	13	12	1 1	12	15	18	17	18	22	28	23	16	19	25	16
	23	17	9	8	7	17	49	23	12	-	23	17	13	6	6	В	7	6	6	6	6	6	8	10	13
5 6	9	6	5	6	12	36	33	32	19	15	14	12	14	14	17	17	18	20	20	14	15	17	23	18	17
7	12	6	5	5	9	24	40	37	21		6	5	6	5	6	8	5	5	4	2	1	1	1	3	9
8	1	1	1	1	1	1	3	5	5	5	6	5	5	4	5	4	5	5	4	3	3	3	3	3	3
9	4	4	4	4	3	6	5	4	6	6	3	3	4	3	3	3	7	6	5	5	4	6	7	4	5
10	3	3	3	3	3	3	5	4	5	5	7	8	7	7	4	6	7	16	17	40	15	12	21	49	1.1
1.1	30	42	24		6	7	14	1.4	12	1.1	12	7	8	8	8	В	8	11	6	4	4	3	2	3	31
12	3	3	2	3	3	4	8	10	7	7	8		90	19	В				10	13	14	1.7	20	19	9
13	12	9	9	10	14	40	58	62	48	22	15	7	2.	12	12	9	6		8	8	В	7	- 1		19
1.4	5	5	7		21	42	62	57	<u> </u>		16	9	19	9	7	9	9	9	8	11	9	12	42	41	19
15	34	27	18	14	17	29	51	61	37	24	18	19	9	5	5	5	6	19	44	33	14	15	16	8	22
16	5	4	2	2	1	1	2	2	2	5	5	В	10	8	8	9	9	9	7	6	5	4	4	3	5
17	1	1	1	1	1	6	15	13	10	7	9	В		12	14	17	19	21	23	26	22	13	11	14	12
18	13	12	24	20	17	12	18	1.1	7	7	7	6	8	8	В	8	В	7	7	9	21	21	34	50	14
19	62	50	36	32	38	53	64	71	64	63	45	30		22	20	24	29	23	21	15	13	13	15	11	35
20	6	4	4	3	7	27	59	46	29	22	19	16	**	13	13	22	27	38	35	29	21	23	39	26	23
21	37	25	35	24	15	1.1	25	37	19	¥	10	8	7	6	6	В	8	6	1.1	10	7	5	7	В	15
22	6	4	3	4	4	6	13	17	13	11	10	10	9	10	10	13	13	14	15	13	1.1	19	25	14	11
23	13	16	1.1	9	9	12	12	10	8	7	6	4	3	3	3	3	2	5	21	29	37	49	41	30	14
24	26	18	13	15	21	41	66	62	50	-	11.1	9	9	8	8	12	15	14	10	12	48	74	74	94	31
25	80	56	45	53	60	94	100	101	(*)	9		*	(4)		17	16	12	10	9	29	27	20	13	19	42
26	34	14	13	32	28	63	67	79	43	19	16	14	1.1	12	22	24	23	15	28	39	42	36	34	34	31
27	50	39	25	20	26	38	68	78	50	26		20	11	10	13	14	19	16	44	77	51	14	17	12	32
28	7	7	6	6	10	29	41	40	29	26	20	17	14	13	16	11	10	10	21	55	46	35	20	22	21
29	30	21	20	16	18	17	21	23	27	28	15	6	4	4	4	5	5	6	9	56	53	58	66	57	24
30	56	41	28	22	15	12	13	15	15	9	4	3	2	4	4	4	4	5	9	16	15	15	7	7	14
31	6	5	7	5	3	7	10	16	15	11	9	ž	10	6	7	12	11	10	7	9	10	8	5	4	8
MEAN	20	15	12	11	13	22	32	32	21	15	12	1.1	9	9	10	11	12	13	15	21	19	18	21	21	16.7

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.0

- 2. -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0 01 PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 11 17 44 7 15 9 4 11 32 14 5 10 5 25 8 6 7 8 9 11 4 12 10 5 7 12 5 7 3 9 2 12 13 14 15 16 17 18 19 20 9 30 3 6 11 5 25 3 3 3 3 18 2 3 4 15 4 6 5 3 5 В 22 23 24 5 2 2 ***** 4 7 MEAN 4 3 5 4 5.1

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 0.0 NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE 2.

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST DAKVILLE MONTH - FEB 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 4 10 9 4 21 12 13 14 15 16 17 18 19 20 10 22 23 24 26 27 28 MEAN 3.7

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 8.2

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE 2.

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	ar . A	ITRO	SEN OX	IDES	CHE	MILUN	INESC	ENT			t.	NITS	- 0.0	01 PA	RTS/MI	LLION	ı						
	STA	TION	E (NO P	44010	,	298 F	REBECO	A 51	ОДКУ	ILLE					MON	TH - N	MAR	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	1 2 5 1 1 4 4 3 4	1 2 5 1 1 4 2 3 4	1251113223	2 2 5 1 2 1 2 2 2 2 2 2	3 1 5 1 2 1 2 1 2 3	4 1 6 1 1 2 2 2 3	4 2 8 1 1 3 4 3 3	5 3 12 1 2 1 6 7 4	3 12 1 2 1 5 8 4 7	2 2 7 2 2 2 5 5 4 4	2 2 5 2 3 2 3 3 4	2 2 4 1 3 2 2 3 3 3 3	2 3 1 1 3 3 3	3 1 2 3 2 3	2 2 3 1 2 4 2 3	2 2 2 3 1 3 4 2 3	2 3 2 2 4 2 3 4 4	2513423659	3 8 1 5 4 3 2 8 6 16	2 9 1 4 3 2 7 6 36	9 1 4 2 3 3 8 5 3 3	2 6 1 3 1 4 4 4 4 3	3 6 1 3 1 5 4 3 3 43	3 5 1 3 1 3 4 3 2	234223431
11 12 13 14 15 16 17 18 19 20	12 1 4 9 4 1 3 4 32	14 2 3 9 4 0 1 7	17 2 3 11 2 0 1 3 23	15 1 2 3 7 0 0 0 2	11 1 2 3 10 0 0 2 9	13 1 1 3 9 0 0 0 2 3	20 3 2 4 12 0 1 0 2	45 1 3 4 15 2 1 2	25 3 3 6 2 1 4	13 2 3 2 5 1 1 7	7 2 2 2 4 1 0 3	4 2 2 2 4 0 0 3 1	3 1 2 2 3 1 1 1 2	3 1 2 3	4 1 2 3 4 1 1 2 1 2	4 1 3 3 4 1 1 4 1	2 2 3 3 3 1 1 5 1 4	2 5 3 4 3 2 1 3 1 2	6 13 6 3 2 2 3 2	5 9 8 12 2 1 1 3 3 1	1 4 7 8 3 1 3 2 8	2 6 6 4 1 6 1 8	3 2 8 7 2 1 6 1 15	3 2 4 10 1 1 8 2 18 2	10 3 4 6 1 2 2 4 6
21 22 23 24 25 26 27 28 29 30	2 8 1 0 5 2 5 3 4 5	2 4 1 0 3 2 11 7 4	2 1 0 2 2 2 4 3 6	1 1 0 1 2 21 0 1	1 2 0 1 2 12 1 2 9	1 2 5 0 1 3 8 1 1 16	3 2 3 1 2 7 8 1 1	7 4 1 1 6 10 2 2	6 2 3 1 1 3 2 1 2 3	4 2 2 0 1 1 3 1 2 3	3 5 1 0 1 1 4 1 2 3	3 5 0 1 1 4 1 2	4 2 1 1 1 2 - 2	2 3 2 1 1 2 1 2 2	2 2 2 1 1 1 1 1 2 2	2 2 1 1 2 1 1 3 2	2 2 3 1 1 2 1 2 3 3	3 2 4 1 2 1 8 4 3	4 1 5 2 4 2 2 3 5 3	9 1 5 1 4 7 1 2 6	9 1 1 4 4 1 1 4 4	11 1 1 4 6 1 1 4 3	10 1 2 3 5 2 1 3 4	7 1 3 2 5 2 2 4 3	4 2 1 2 3 5 2 3 5
31 MEAN	1	1	4	1 3	2	3	1	2 5	2	2 3	2	2	2	2	2	2	2	2 3	3	3 5	3	4	3 5	2	3.5

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0 NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

PERCENTAGE OF DATA UNAVAILABLE - 1.3

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT . AIR RESORCES BRANCH

	POL	LUTAN	T - 1	NITROC	SEN OX	IDES	- CHE	MILUM	INESC	ENT			U	NITS	- 0.0)1 PAF	RT5/M1	LLION							
	STA	TION	- 9	NO 4	44010	1	298 F	EBECC	A ST	OAKV	ILLE					MONT	тн - д	PR	77						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	1	1	1	1	2	2	4	5	5	2	4	4		0	0	1	0	1	1	1	1	1	0	0	2
2	0	0	0		1	1	1	1	1	1	1	1	1	1	4	6	2	2	12	15	4	3	3	3	3
3	4	2	2	1	- 1	Q	0	0	0	0	1	1	2	2	2	2	2	2	2	3	10	15	9	9	3
4	10	11	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	2	2	2	2	2	2
5	1		1	1	1	1	1	î	1	1	1	1	2		1	3	3	3	1	1	1	1	1	1	,
6	1			1		1	1	2	- 1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1
7	1	1	3	2	2	2	4	4	1	1	1	1	1	2	3	3	4	4	5	7	4	2	1	1	2
8	1	1	0	ō	ō	0	0	0	0	0	0	0	0	O.	0	0	0	0	1	1	2	2	4	6	1
9	6	3	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	6	1.4	28	26	1.1	5
10	13	10	12	14	16	13	В	4	2	3	3	2	2	2	2	2	3	3	2	3	3	5	5	13	6
				30.00	10.00	0.9			-																
1.1	13	14	10	7	8	1.1	1.8	1.1	5	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	6
12	3	3	2	2	3	3	4	4	4	3	3	3	- 4	3	3	2	3	3	6	12	12	4	4	3	4
13	3	4	ā	5	4	3	3	4	3	3	3	3	3	3	3	3	-3	3	3	3	2	3	3	3	3
14	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	7	10	7	5	4	3
15	3	3	3	3	3	4	5	6	4	5	2	3	2	2	5	3	3	4	4	7	6	5	4	7	4
16	4	4	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	9	21	12	5	6	4
1.7	8	13	10	8	3	3	2	3	2	2	2	1	1	2	2	2	2	2	3	14	22	14	4	20	6
18	38	25	25	20	20	18	13	5	6	6	4	6	6	4	-	2	6	5	7	6	4	7	5	7	1.1
19	7	4	5	9	7	5	4	4	3	3	2	2	1	1	1	1	3	3	4	7	18	15	1.1	7	5
20	13	11	6	4	4	14	14	11	10	11	4		2	3	3	3	3	3	3	3	3	5	5	4	6
21	1.1	11	6	4	3	3	3	4	3	3	3	3	3	3	3	3	4	5	7	1.1	14	4	5	5 2	5 5
22	5	4	3	3	2	3	4	4	5	5	5	5	7	6	8	8	7	6	5	5	4		2	5	5
23	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3		4	5
24	5	6	5	5	3	2	2	2	3	3	2	2	2	2	3	2	2	2	2	3	7	5	3	4	3
25	4	3	3	2	3	4	6	4	2	2	2	2	1	- 4	7	10		1		<u> </u>	- 3	100	1202		
26	2	1	1	5	2	2	4	4	1	1	2	2	1	2	2	2	1	1	2	3	4	7	11	10	3
27	2	2	2	3	4	9	6	6	5	4	4	4	3	3	-1	2	3	3	4	4	3	3	3	3	4
28	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3	3	4	4	4	3	6	2
29	2	3	1	1	1	3	3	3	3	2	2	1	1	1	2	2	1	2	3	5	10	7			3
30	6	6	4	6	5	5	6	5	4	4	6	3	3	2	1	2	3	3	4	7	8	7	7	7	5
MEAN	6	5	4	4	4	4	4	4	3	3	2	2	2	2	2	2	3	3	3	5	7	6	5	5	3.8

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.5

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. " *** ** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - C NO 44010 1298 REBECCA ST CARVILLE MONTH - JUL 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 5 DAY 10 12 0 10 11 12 13 14 15 16 17 18 19 DATA UNAVAILABLE -DATA UNAVAILABLE 2 ····· 3 2 4 3 2 2 3 2 5 2 5 2 4 2 2 2 2 21 22 23 24 25 26 27 28 2 2 2 23 31 4 2 2 2 3 4 4 3 3 2 4 4 3 2 2 2 2 2 2 3 3.1

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 10.8

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	f -)	NITRO	GEN OX	IDE5	- CHE	MILUM	INESC	ENT			L	NITS	. 0.0	1 PAR	RTS/MI	LLION							
	STA	TION	. (. NO	44010		1298 R	REBECC	A ST	OAKV	ILLE					MONT	гн - д	UG	77						
NUOH YAC	1	2	3	4	5	6	7	8	9	10	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24 ME	ΔN
1 2 3 4 5 6 7 8 9	3 5 4 3 4 3 5 2 2	3 3 3 3 3 3 2 2	3232233322	3 3 3 3 2 4 2 3 2 2	3 3 3 2 4 4 2 3 2 2	3 4 4 6 4 3 4 3	3 9 15 4 6 4 3 4 6 3	2 11 8 4 4 1 4 5 6	2364341345	2 5 4 3 5 1 3 3 4	3 3 5 1 3 2	2 2 4 4 2 5	2 2 3 2 3 1	2 2 2 3 3 1 5	2 2 2 2 3 3 1 5 1 4	1 2 2 2 2 4 1 5	2 2 2 2 1 4 1 4	2 2 3 2 2 3 1 5 1 4	2 4 4 4 3 1 5	4 2 6 5 4 4 2 6 2 4 4 2 6 2 4	7 3 4 6 4 3 4 6 2 5	5 2 3 11 4 3 8 5 2	4 2 3 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 4 4 3 6 3 1 5	3 4 4 3 4 3 4 2 4
11 12 13 14 15 16 17 18	5243285132	5243255132	5 2 3 3 5 3 1 3 1	3 2 3 3 3 6 3 1	3 2 3 3 2 6 2 1 3 1	4 2 5 2 4 7 2 5 1	5 4 7 2 6 5 3 2 10 2	3 2 4 2 4 2 2 1 9	3 2 3 2 2 2 2 1 10 2	2 1 3 2 2 2 2 2 1 5 2	2 1 1 2 2 2 1 1 3 2	2	2 2 2 1 2 3 1 1 1 2	2 2 2 1 2 3 1 1 1 1 1	3 2 2 1 2 2 1 1	3 2 2 1 1 2 1 1	3 2 2 1 2 2 2 2 2 2 2 2 2	3 2 2 2 2 2 2 2 2 2	3 3 2 2 2 2 3 2 2	3 6 2 4 2 4 3 4 2 2	3 5 2 7 2 5 3 5 2 3 5 2 3	3 5 3 7 6 5 2 7 2 3	3 4 3 6 9 4 1 6 2 5	3 4 3 10 5 1 3 3	3 3 3 3 4 2 2 3
21 22 23 24 25 26 27 28 29 30	11 2 3 1 4 10 8 5 7	7 1 3 1 2 10 8 6 7	6 1 3 2 2 11 6 5 6	5 1 3 1 2 9 6 5 6	5 1 2 2 9 7 5 6 3	5 2 3 2 10 8 5 5 3	6 1 3 3 4 20 10 5 7 6	3 1 3 5 3 11 8 6 7	3 1 2 2 2 3 7 6 6 3	3 1 2 2 3 3 7 6 7 3	3 2 3 3 3 5 6 6 3	3 1 1 3 - 4 6	2 2 2 3 1 4 6 8	2 2 2 2 3 1 4 6 7 3	1 2 2 2 2 1 3 6 7 3	1 2 2 2 2 2 3 6 7 3	1 2 2 2 2 2 3 6 6 3	1 2 2 2 2 2 2 4 6 6 3	1 2 3 3 2 2 4 6 7 3	1 5 3 2 3 4 5 6 3	1 5 3 4 3 7 3 6 6	1 3 5 6 13 6 6 10	2 3 2 4 1 4 1 2 4 6 5 9	2 2 4 10 9 4 6 7	3 2 2 3 3 7 5 6 6 5
31	7	4	3	3		3	3	4	4	4	4	4	3	3 2	3	3	4	4	4 3	5 4	5	6 5	8	12 5	4 3.5
MEAN	4	4	3	3	3	4		-4	3	3	3	3	-	-	-	-									

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

- 2. " INDICATES DATA IS UNAVAILABLE
 - 3. " *** INDICATES LE-S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - NOV 77 HOUR DAY 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 20 24 29 7 24 19 21 0 33 44 30 0 12 17 13 1 1 2 2 2 3 3 25 3 9 11 12 13 14 15 16 17 18 19 19 12 2 10 2 1 10 21 22 23 24 25 26 27 28 29 30 26 5 2 10 MEAN 6 4 4.0

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. " ... " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	r - 1	MITROG	EN OX	IDES	- CHE	MILUM	INESC	ENT			L	INITS	- 0.0	1 PAR	RTS/M	LLION	¥						
	STA	TION	- 0	NO 4	4010	1	298 F	REBECC	A ST	DAKE	ILLE					MON	тн - г	DEC	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	ΕΔΝ
1	3	3	2	3	3	3	3	3	3	3	3	3	4	6	6	6	5	4	4	3	2	2	2	2	3
2	2	1		1	1	1	1	1	1	1	3	3	•	3	3	3	5	3	3	4	4	3	2	2	2
3	3	3	2	1	3	3	3	3	4	4	3	3	2	2	2	3	4	5	5	4	3	3	3	3	3
4	3	3	3	2	2	1	2	3	3	3	2	1	1	1	1	1	3	4	7	10	12	12	11	8	4
5	9	7	1	1	1	1	1	1	1	100	1	1	1	1	1	1	2	2	1	1	- 1	3	3	1	2
6	1	1	3	1	1	1	2	3	2	2	2	2	2	2	3	3	4	4	3	3	2	2	2	2	2
7	4	7	8	4	1	1	2	3	4	3	2	2	2	2	2	3	5	9	В	15	10	2.0	2	2	5
8	5	6	8	6	4	4	20	29	24	19	14	10	13	18	8	3	2	2	3	3	2	2	2	2	9
9	2	3	2	2	3	3	.3	3	4	3	3	4	3	3	3	3	4	6	7	6	4	4	3	2	3
10	3	3	3	2	2	3	4	5	3	3	3	3	4	4	5	6	11	15	16	16	В	5	7	5	6
1.1	4	5	4	5	4	4	5	6	*	6	5	5	4	4	4	4		18	21	23	20	24	25	26	10
12	16	9	8	8	9		10	5	5	6	6	6	5	6	8	6	45	41	20	8	6	24	4	4	12
13	2	2	2	2	2	2	4	4	5	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4
1.4	5	7	7	8	7	15	29	32	26	22	30	35	28	-	15	13	13	10	10	10	7	6	5	5	15
15	5	3	3	3	3	3	4	7	14	1.1	В	6	5	7	7	10	10	14	13	12	1.1	13	7	3	8
16	3	3	3	3	3	3	4	7	13	6	4	4	4	3	4	3	3	3	1	1	1	1	1	1	3
17	1	1	1	1	1	1	1	1	1	1	1	1.	0	0	0	1	1	1	1	1	1	1	1	- 1	1
18	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.1	1	2	3	3	2	1	3.	2	1
21	3	3	4	4	3	4	4	4	5	4	3	3	4	25	3	3	4	6	6	5	4	4	2	2	4
22	3	3	3	3	3	3	3	4	5	5	5	5	5	4	4	5	5	5	4	4	4	3	2	2	4
23	3	3	3	2	2	2	3	3	3	3	3	3	3	4	3	3	5	5	4	4	4	4	4	4	3
24	6	6	6	6	4	4	4	6	7	6	9	10	8	6	4	3	3	3	4	4	4	4	3	3	5
25	2	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	7	1	1	1	1	1.
26	2	2	2	2	1		1	1	1	1	1	2	2	2	2	2	3	3	2	3	3	3	3	3	2
27	3	3	3	3	3	3	2	3	3	3	3	2	2	2	2	3	3	3	3	4	3	3	3	3	3
28	3	3	3	3	3	3	2	4	3	4	4	3	4	3	3	3	4	5	5	4	5	4	3	3	4
29	3	3	3	3	3	3	3	4	6	4	3	3	3	5	3	3	5	5	5	5	6	6	5	5	4
30	7	7	7	6	8	10	4	3	7	20	14	16	16	13	9	9	12	15	19	18	17	17	12	7	1.1
31	5	5	4	3	2	2	3	3	3	3	5	5	6	9	11	14	9	7	8	8	7	7	5	1	c
MEAN	4	4	3	3	3	3	4	5	5	5	5	5	5	4	4	4	6	7	6	6	5	6	4	4	4.5

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 77 HOUR DAY 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 4 5 10 5 4 15 2 2 . 2 10 2 2 3 12 13 14 2 4 6 14 8 1 4 2 3 3 5 12 5 1 3 4 12 10 1 12 11 1 5 3 2 10 3 1 5 1 2 3 17 18 19 20 22 23 24 9 12 3 3 10 3 2 2 1 1 2 2 3 2 13 3 4 3 MEAN

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

 2. *-* INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - 1	NITRO	SEN OX	IDES	- CHE	MILUM	INESC	CENT			1	JNITS	- 0.0	01 PA	RTS/M	ILLIO	N						
	ST	TION	· 58	NO S	56051	N	MEMORI.	AL PA	RK YO	ORK/TH	HIRD	ST.,	CORNW	ALL		MON	тн - 1	FEB	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11.	12	13	14	15	16	17	18	19	20	21	22	23	24 1	EAN
1 2 3 4 5 6 7	3 2 2 2 6 1	3 2 2 8 1	3 1 2 3 9 1 1 2	3 1 3 9 1 2 2	3 1 2 3 8 1	3 2 2 7 1	2 2 9 1 1 2	2 3 3 2 7 0 1	24336023	2 2 3 2 6 0 2 2	22336222	2 2 4 5 8 1 3 2	2 4 3 7 2 2	2 4 3 5 1 2 2	2 2 5 4 4 1 2 2	2 3 4 4 4 1 2 3	3 4 6 5 1 2	3 5 9 5 1 2 3	3 4 5 19 3 1 2 4	2 3 4 21 2 1 3	3 3 24 2 1 3	3 3 14 1 2 3	3 3 9 1 1 3 2	3 2 2 6 2 1 2 2	3 2 3 6 5 1
10	4	4	4	1 4	2	3	5	7	5	3	5	3	3	3	3	3	3	5	4	3	4 5	6	4 6	5	3 5
11 12 13 14 15 16 17 18	5 3 2 2 1 2 1 8	4 3 4 2 3 1 2	33522-2-2	3 4 2 1 1 2 1 2	3 4 2 2 1 3 1 2	3 4 2 2 1 2 1 2	4 3 4 2 1 1 2 2 2	5 4 2 2 1 3 4 2	8 2 4 2 2 2 3 3 3	10 3 3 2 2 3 3 3	13 4 4 2 2 2 4 2 4	13 4 2 2 2 1 3 2 5	13 4 2 3 2 2 2 1	6 3 3 2 2 2 3 4	6 3 3 2 2 3 3 3 3	6 4 2 3 2 2 3 3	6 3 3 2 2 3 5	6 9 3 3 3 3 2 6 5	6 6 3 3 2 3 2 5 6	6 4 2 3 3 3 2 4 6	5 5 2 3 2 3 1 7	5 4 2 3 2 4 1 10 6	5 3 2 1 3 2 8 6	5 3 2 1 3 2 6 7	6 4 3 2 2 2 2 3
20 21 22 23 24 25 26 27 28	10 2 1 7 2 2 3 3 2	13 2 1 6 2 3 4	9 1 4 2 3 3 3 1	5 1 1 3 2 3 2 1	2 3 3 1 1	2 1 1 3 2 3 3 1 1	2 1 1 4 2 3 3 2 2 2	3 1 5 2 4 3 2 3	1 1 3 4 5 3 2 3	2 1 2 4 2 2 2	6 22 4 5 5 2 2 3	2 2 4 5 3 2 2 3	4 2 3 3 6 4 3 3 3	4 2 3 3 6 3 2 3 3	3 4 2 3 3 5 3 3 3 3 3 3	4 2 6 3 2 3 3	4 2 5 3 6 4 1 1 2	3 2 5 3 3 4 1 5 2	3 6 3 3 5 4 4 2	2 8 2 2 3 4 3 2	6 3 13 2 2 3 4 3 2	102233331	1 12 2 2 3 4 3 1	1 10 3 2 3 3 3	4 2 4 3 3 3 3 3
MEAN	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4		4	4	3	3.2

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DXIDES - CHEMILUMINESCENT UNITS . O OI PARTS/MILLION STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST .. CORNWALL MONTH - MAY HOUR DAY 3 6 8 9 10 11 12 13 14 15 16 18 19 20 21 22 23 24 MEAN 2 2 5 13 12 1 2 2 3 9 3 11 12 13 14 15 16 17 18 19 20 3 3 332233 0 21 22 23 24 25 26 27 28 29 30 3 5 6 4 4 4 3 6 5 6 4 7 4 13 10

PERCENTAGE OF DATA VALID - 99.1

31

MEAN

2 2 2 2 2

PERCENTAGE OF DATA INVALID - 0.0

2

3

PERCENTAGE OF DATA UNAVAILABLE - 0.9

3 3

3

5

3

3

3.2

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. " " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

2 2

CHTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUN 77 9 10 1.1 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 2 2 3 2 2 2 10 11 12 13 14 15 16 17 18 19 20 3 5 6 2 6 3 10 7 2 2 5 2 4 2 10 7 2 4 2 3 2 3 1 7 3 228645 10 21 22 23 24 25 26 27 28 2 2 4 2 2 2 2 3 3 2 2 2 2 4 3 3 3 3 1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - NOV 77 HOUR 6 7 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 12 13 14 15 O 18 19 20 2 2 MEAN 3.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - DEC 77 9 10 11 14 15 16 17 18 20 21 22 23 24 MEAN HOUR DAY 3 2 2 6 2 2 9 10 12 13 14 15 16 17 25 3 4 3 4 3 3.4 MEAN

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- " 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. " *** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY MONTH - JAN 77 HOUR 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN B 2 3 20 3 8 4 3 4 5 6 7 8 9 22 3 3 4 3 5 0 4 5 3 2 3 2 11 5 12 13 14 15 16 3 12 8 2 0 2 15 5 3 5 3 22 23 24 25 26 27 0 6 1 2 2 0 0 3.5 MEAN

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "..." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY MONTH - FEB 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 24 MEAN 5 4 0 4 0 0 1 0 5 9 10 12 13 14 15 16 17 3 5 3 4 5 3 E 22 2.9 MEAN

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "**** INDICATES LEDS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION S'ATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAR 77 HOUR 6 7 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 MEAN 3363334549 2434343530 5 6 7 8 9 6 12 14 3 7 11 12 13 14 15 16 17 18 19 20 16 19 10 16 5 4 3 8 12 1 7634821313 7 10 4 2 3 14 14 10 7 1 27 10 21 22 23 24 25 26 27 28 29 30 2 21210236 13 10 25 13 0 10 3 31 0 0 0 0 0 0 0 0 0 MEAN 3 3 3 5 5 3.9

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	FOL	LUTAN	T - N	ITROG	EN OX	IDES	- CHE	M] LUM1	NESC	ENT			t	JNITS	. 0.0	1 PAF	RTS/M]	LLION	i						
	S TA	TION	NE.	NO 7	7016	Δ	SH ST	WATER	TAN	ıĸ.	SUDBU	RY				MON	FH - 7	PR	77						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1		-1		1	1	1	2	4	4	3	2	1	1	1	4	2	2	1	1	2	2	4	4	5	2
2	3	3	3	1	1	1	1	1	2	2	2	2	3	2	2	3	3	3	2	2	2	1	1	1	2
3		1	ĭ	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	9	11
4	12	4	2	1	,	ī	1	3	3	2	1	3	3	3	3	2	2	1	1	1	1	1	1	1	2
5		1	1	1	1	î	1	4	6	1	1	2	1	Ĭ.	1	2	2	1	1	0	1	0	0	0	- 1
6	0	ó	o	0	0	O	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	1	1	7	1
7		3	2	ĭ	2	4	В	11	6	3	3	7	3	2	2	3	5	4	3	1	1	1	1	1	3
á	10	,	1	1	ī	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1
9	- 1	- 2	0	ó	0	0	1	1	1	1	2	2	1	1	- 1	1	1	1	1	1	1	1	1	1	3
10	- 1	- 1	1	1	2	2	6	5	3	2	3	2	2	2	1	1	2	2	4	6	6	7	5	4	3
1.0			2.1			- 5	-	7	~																
1.1.	1	4	A	6	4	4	4	4	3	3	2	1	1	1	1	1	1	1	2	2	2	1		1	2
12		1	1	1	11	1	1	1	1	1		-	1	2	2	3	3	4	5	7	5	6	12	7	3
13	1	2	4	1	1	•	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	1	1
14	1	ĩ	o	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	8	10	. 9	17	3
15	23	15	22	22	7	5	6	3	3	2	2	2	3.0	0	1	1	2	2	3	6	11	14	14	12	8
16	13	В	10	10	8	6	5	7	5	3	2 2 4	2	1	1	1	1	1	2	2	3	4	3	3	7	5
17	12	13	13	7	4	3	3	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	2	4	
18	3	6	8	6	2	1	3	3	9	6		3	3	3	3	-		1	2	3	3	2	3	4	4
19	3	4	6	5	12	17	17	16	7	4	2	1	1	1	1	1	1	2	2	3	3	2	4	4	5 4
20	6	13	5	4	3	3	3	5	5	4	2	1	2	2	۰	3	3	3	3	4	5	4	4		4
21	4	2	3	3 2 2	2	2	3	3	3	3		3	2	2	3	3	3 2	3	3	4	3	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2 2	2	2	3	2	2	3	5	3	3	2	2
23	3	3	3		2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	5
24	2	2	2	2	2	2	2	2	2	2	2	2	- 2	2	- 2	-	-	- 1	- 1			•	5	3	- 1
25	1	0	1	1	1	1	1	1	1	- 1	- 1				- 5	- 12	- 1	- 4	- 1	4	- 4	,	- 7	1	- 1
26	3	1	1	2	1	2	3	3	3	1	1	1	1	- 1	1	5	2	,	2	2	5	2	2	2	2
27	1	1	1	1	1	1	2	4	3	1	-	2	3	3	3	•	-	2	2	2	2	- 1	5	ī	1
28	1	1	1	0	0	0	0	0	1	1	2	2	2	2		- 3			- 1	-		2	1	i	1
29	1	1	1	1	1	1	1	1	1	1		0	0	2	0	2	2	- 3		2	- 1	2	2	2	2
30	1	1	1	1	1	3	2	3	3	2	2	2	2	2	2	2	-	2.5	30	-		-		•	
MEAN	4	3	3	3	2	2	3	3	3	2	2	2	2	1	1	2	2	2	2	3	3	3	3	4	2.5

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

- *- INDICATES DATA IS UNAVAILABLE 2.
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PCLLUTANT - NITROGEN EXIDES - CHEMILLMINESCENT UNITS - 0.01 PARTS/MILLION

	51 A	TION	· NE	NO	77016		ASH ST	WATER	TAN	W.	SUDBUR	Y				MONT	тн - ,	JUL	77						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	0	0	0	0	0	0	0	1	1	1	0	0	0	Ö	0	0	О	0	0	1
2	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	O
3	1	1	1	0	1	2	1	1	0	0	1	D	1	1	3	3	2	2	3	3	3	2	2	2	0
4	2	2	2	1	1	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1	1	1	1	1	2
5	,	1	1	0	1	2	2	2	2		2	2	2		2	2	3	3	2	2	3	3	3	4	2
6 7 8	2	2			1	2	2	2	2	-	,	3	3	-		-	2	2	2	2	2	2	2	2	2
é	2	2	2	2	2	3	5 2	2	2	2	2	3	3	2	34	2	2	2	2	2	2	2	3	2	2
9	ő	0	ő	Ó	0	0	ó	o	2	0	0	0	0	0	2	1	1	1	0	0	0	0	1	1	1
10	3	5	3	3	2	1	2	2	1	1	1	1	1	2	0	0	0	0	0	0	0	- 1	9	3	0
11	ï	o	0	1	3	6	6	4		2	2	2	1	4	1	1	1	1	1	2	- 2	2	2	2	2
12	6	4	4	2	2	4	3	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
13	1	1	15	1	1	2	2	1	1	1	1		1	1	1	1	1	1	1	1	1	2	2	7	
14	3	2	3	4	4	5	10	6	4	2	2	7	2	2	2	2	2	2	2	2	2	2	3	3	3
15	1	2	3	1	1		2	2	1	0	4.	O	1	11	0	0	0	0	o	1	- î	- 1	1	1	1
16	1	Υ.	1	1	1	3	1	2	1	0	0	0	0	1	1	1	0	0	0	1		1	1	1	1
1.7	1		1	0	0	0	1	1	1	0	0	O	0	0	0	0	0	0	0	9	1	1	1	1	0
18	1	0	0	0	0	1	2	2		2	1	0	1	1	1	1	1	1	1	1	1	1	-1	1	1
19	1	0	O	0	O	O	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
20	1	0	0	0	0	.1	1	1	. *	1	1	1	ŧ	1	1	1	3	1	1	1	1	1	1	1	1
21	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
22	0	0	1	1	0	0	1	0	O	0	0	0	0	0	0	0	0	0	1	1	3	4	3	2	t
23 24	ò	ò	0	0			0	0	0	0	0	0		0	0	0		0	0	0	0	1	1	1	0
25	o	0	0	0	0	0	0		1		3 0 0	3	3	0	0	0	0	1	1	1	1	4	2	0	1
26	0	0	0	0	0	ů.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	2		U	U	U	35	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
28	- 5	- 0				3	4	2	1	•	·	•	·	·	0	·	Ÿ	٠	4	4	3	4	3	3	0
29	9	Ŷ.	- 0	1		1	7	2	2	2	2	3	3	3	2	2	3	3					2	3	
30	ī	1	÷	1	,	i	ò	0	ó	1	í	1	1	1	1	1	1	1	2	2	2	2	2	2	2
31	2	2	2	1	1	1	7	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	10	1	2	1	1	1	1	1	1	1	4	1	1	3	1	ij	1	2	2	2	1.2

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID + 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT	- N	ITROC	SEN OX	IDES	- CHE	MILUMI	NESC	CENT			,	INITS	- 0.0	DI PAI	RTS/M	ILLION	N.						
	STA	TION -	NE	NO 7	7016	A	SH ST	WATER	TAN	w.	SUDBUR	Y				MON	тн	MUG	77						
HOUR DAY	Ĺ	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	4	1	1	1	ï	1	1	1	1	1	ì	3	1	1	1	2	3	4	2	2	1
2	.5	2	2	2	2	2	2	2	*		1	1	1	1	1	2	2	0	1	3	1	0	1	1	1
3	1	1	0	1	1	0	O	0	0	3	2	0	0	0	0	0	0	0	1	1	1	1	1	0	1
4	13	0	0	0	0	1	3	1	1	1	1	2	1	1	0	1	1	1	1	1	1	1		1	1
5	1)	0	0	0	0	1	1	1	1	6.	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
6	13	0	0	(6)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
7	1	1	1	0	0	0	1	3	1	1	0	0	2	0	0	0	0	0	1	2	2	1	0	0	1
8	1)	0	0	0	0	0	3	4	2	8	0	0	0	0	0	0	0	0	0	0	0	1.	2	2	1
9	4.	2	2	0	1	2	6	4	3	1	1	0	0	0	1	1	1	1	2	2	2	2	2	5	2
10	1	2	1	1	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
1.1	2	3	19	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
12)	0	0	0	0	0	0	1	1	- 8	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
13	2	0	0	0	O	O	0	0	1	1	1	1	2	2	0	0	0	0	0	1	1	0	0	0	0
14)	0	0	11	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	1	0
15)	0	0	0	0	1	0	0	0	0	0	-	0	0	1	0	0	0	0	0	1	0	2	2	0
16	2	2	1	1	1	2	5	6	6	4	3	3	3	3	- 1	3	4	3	3	3	3	2	2	2	3
17	3	1	-1	- 1	- 1	1	1	1	1	3	1	1	1	1	1	2	. 1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0	0	- 1	2	6	4	2	0	0	1
19	0	0	0	0	0	O	1	0	0	0	1	2	3	1	1	0	1	0	0	0	0	0	0	0	0
20	1	1	0	1	C	0	0	0	0	0	0	0	-	0	0	0	0	0	0	1	0	3	1	1	0
21	1	2	0	0	O	0	0	0	0	1	1	1	2	2	2	2	2	3	4	3	7	6	2	1	2
22	0	0	0	0	3	O	0	0		+	1	0	0	0	1	1	1	1	0	1	1	1	1	0	1
23	0	0	0	0	0	0	0	0	0	1.	0	0	0	0	0	0			0	0	0	0	0	0	0
24	0	0	0	0	15	-	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	1	0	0
25	0	0	0	1	1	O	0	0	0	0		0	0	1	10	0	1	2	1	1	0	0	2	2	1
26	1	1	1	1	4	2	3	2	**	2	2	2	2	3	2	2	2	2	2	3	5	3	2	2	2
27	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0
29	0	O	0	0	0	O	1	1		0	0	O	0	O	0	0	0	0	0	1	0	0	0	0	0
30	0	0	O	0	0	0	1	2	1	2	1	1	1	2	2	2	2	2	2	4	4	5	6	6	2
31	6	3	1	1	4	3	3	4	3	2	1	•	2	2	2	2	2	2	2	2	2	31	1.	1	2
MEAN	1	•	0	0	1	1	4	1	1	1	1	14	1	1	11)		1	,	4	1	1	1	,	1	0.9

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN GXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - NOV 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 10 0 0 0 3 10 11 3 0 0 3 3 0 0 0 0 0 12 13 14 15 16 17 18 19 20 10 3 21 22 23 24 25 26 27 28 29 30 10 2 3 5 10

PERCENTAGE OF DATA VALID - 95.7

2 2

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.3

3

2.7

NOTES 1, ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AJR RESORCES BRANCH

	FOL	LUTAN	T - N	ITRO	SEN OX	IDES	. CHE	MILUMI	NESCEN	ŧΤ			L	INITS	- 0.0	1 PAF	RTS/MI	LLION	C						
	STA	110N	- NE	NO 3	77015	4	SH ST	WATER	TANK.	5	UDBUR	IY				MONT	rH - C	DEC	77						
DAY	1	2	3	4	5	6	7	8	9 1	0	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 2 3 	2 2 1 1 0 1 2 1	2 2 2 3 1 1 0	2 2 2 2 1 0 1 2 1	2 2 1 2 2 1 0 1 2 1	2 2 1 2 2 1 0 1 2 1	222211321	3 2 2 2 1 1 3 2 1	4 2 2 2 3 1 1 4 2 1	5 2 2 2 1 1 4 1	6 2 2	5 2 1 2 1 3 2 2	6 2 2 2 2 1 2 2 1	7 2 2 2 1 1 3 2 1	6 2 1 2 2 1 2 4 1 1	4 2 2 2 1 0 2 3 2 2	2 2 2 1 1 2 4 1 2	2 2 2 1 1 2 3 2 2	2 2 3 2 1 1 2 3 1 2	2 2 2 1 1 2 2 1 2	2 2 3 2 1 2 1 1 2	2 2 4 2 1 2 1 1	2 2 3 2 1 2 2 1 2	2 3 3 2 1 2 2 1	3 2 2 2 2 2 1 1 2 2
11 12 13 14 15 16 17 18 19 20	1 2 1 3 7 7 2 2 2	1 1 3 8 5 2 2	1 1 3 7 4 2 2 2 1	1 1 2 3 8 4 1 2 2	1 1 2 3 6 4 1 2 2	1 2 1 3 6 5 1 2 2 2	1 2 2 4 6 6 6 1 1 3	1 3 2 5 10 6 1	1 4 4 6 10 10 1 1 6 3	1 4 4 8 8 9 2 1 5 3	1 4 4 7 6 10 2 1 5 2	1 5 5 5 10 2 2	1 4 6 5 2 9 2 2 4 3	1 4 6 5 2 7 2 2 4 3	2 4 7 5 2 6 2 4 3	2 5 6 6 2 3 2 4 3	3 6 7 11 9 4 3 2 4 3	5 6 9 12 4 2 2 4 3	6 4 5 7 9 3 2 2 3 3	11 3 6 5 8 3 2 2 3	7 3 4 6 6 2 2 3 3	5 3 5 6 7 2 2 3 2 2	5 3 8 6 2 2 4 2 2	4 2 3 8 6 2 2 2 2 2 2 2	3 4 6 7 5 2 2 3 2
21 22 23 24 25 26 27 28 29 30	2 3 2 4 3 7 16 3	3 2 2 3 6 8 33 3	1 2 2 3 6 7 17 3	1 2 2 2 3 5 4 5 2 7	1 2 2 3 2 3 3 3 3 5	1 2 2 2 2 2 2 3 5 6	1 2 2 2 2 2 2 4 5 7	533223556	4 3 3 2 2 2 5 5 2 5 5 5 5 5	6 4 4 6 2 1 2 14 6	7 3 4 6 2 1 2 7 18	5 3 4 6 2 8 2 9	5244122892	4 2 3 4 1 1 2 10 9 2	3 2 3 5 1 1 1 11 10 2	3 2 3 5 1 1 2 10 12 3	4 2 3 6 2 3 5 12 26 4	5 2 4 3 4 8 6 34 5	7 4 3 4 2 4 6 3 29 3	9 4 3 4 3 6 16 3 10 4	13 7 2 4 3 7 26 3 5	5 6 2 3 3 8 2 3 2 3 5	3 8 3 5 9 13 7 1 3 7	3335666145	4 3 4 3 4 6 8 10 5
31 MEAN	11	14	9	8	16	11	19	22 4	19	15	15 5	13	11 4	9	7 3	8	9 5	27 6	20 5	13 4	1 B	18	15 4	7 3	1.4 3.8

PERCENTACE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.6

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	51.	ATION	- SW	NO	12008		467 U	NIVER	SITY	AV WE	ST F2	WIND	SOR			MON	тн - ,	JAN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	6	3	3	5	5	2	2	1	1	2	2	2	2	2	2	2	2	3	5	4	4	6	6	3	3
2	3	3	5	6	5	4	3	1	2	2	3	3	4	3	2	2	2	3	4	3	5	5	2	5	3
3 4	3	3	-4	5	3	5	7	5	10	5	5	5	5	7	4	4	3	4	4	4	5	4	3	5	5
	4	4	3	3	1	2	4	8	1.4	10	5	4	5	5	6	7	5	5	5	5	7	6	13	14	6
5	7	3	1.5	12	6	5	8	10	18	18	14	10	6	5	4	4	5	5	8	В	10	В	10	14	9
6	36	44	40	36	26	21	8	6	4	5	5	8	1.1	6	6	5	4	4	3	2	2	2	4	4	12
7	5	4	3	3	3	1	1	2	4	4	4	4	4	4	4	4	4	6	8	11	9	12	24	17	6
8	1.1	9	6	3 5	5.	3	3	4	3	3	3	3	3	3	5	5	6	6	5	5	2	2	- 4	6	
9	3	2	2		1	2	2	2	2	2	3	3	2	2	3	2	ĩ	1	2	7	2		1	2	5 2
10	2	2	2	1	1	2	3	4	3	3	4	3	3	2	2	2	2	2	2	2	2	1	j	ī	2
1.1	2	2	2	2	1	1	2	3	11	10	В	9	10	9	7	6	7	8	3	7	7	7	7	6	5
12	5	6	5	3	3	4	6	9	12	12	8	5	4	4	4	5	4	5	5	5	6	9	10	9	6
13	5	8	9	9	8 6	7	7	8	12	7	4	4	3	3	3	3	3	4	2	2	2	2	3	4	5
14	3	4	8	6	6	5	3	5	7	7	1.1	14	15	15	13	13	11	12	8	6	3	3	2	2	8
15	2	2	3	3	3	2	4	5	7	8	7	6	5	4	4	3	3	3	2	2	2	2	2	2	4
16	2	2	1	2	1	2	2	2	4	5	4	4	3	3	3	2	3	5	6	7	8	7	4	6	4
17	8	8	7	7	7	7	7	7	8	9	10	9	9	8	4	6	В	9	8	2	2	4	5	8	7
1.8	9	9	9	5	5	6	8	13	19	20	19	18	10	6	5	5	7	5	5	4	3	4	4	4	8
19	4	4	3	2	1	1	2	3	4	5	4	4	3	4	4	4	5	5	3	2	2	2	2	3	3
20	4	9	1.1	9	7	6	7	1.1	18	13	12	10	1.1	1.1	9	6	8	9	8	9	9	7	9	8	9
21	8	8	5	4	4	б	7	12	16	1.4	8	5	4	4	4	5	6	5	5 5	5	4	3	2	2	6
22	1	1	1	1	1	1	1	2	2	2	4	5 2	5	4	4	4	4	4	5	7	7	9	18	19	5
23	12	6	5	3	4	4	3	5	6	3	3		3	4	3	2	2	1	2	2	2	1	2	2	3 5
24	2	3	3	2	1	2	2	3	4	5	6	5	5	5	8	9	10	6	5	6	7	5	5	5	5
25	4	4	3	3	4	4	4	9	1.1	1.1	7	4	3	3	2	3	4	4		3	2	2	2	2	4
26	2	3	3	4	3	3	5	6	7	6	6	3	3	2	2	2	2	2	2	2	2	1	2	1	3
27	2	2	2	2	2	3	4	4	7	7	5	5	4	4	4	4	4	5	5	5	5	5	4	2	4
28	2	2	2	2	2	2	3	7	6	3	4	4	3	4	4	3	2	2	5 3	3	3	4	3	3	3
29	3	4	4	3	3	3	3	4	4	4	3	4	3	3	3	3	3	3	3	3	4	4	4	3	3
30	4	3	3	4	4	3	3	3	3	4	3	3	3	3	3	3	3	3	3	4	4	5	4	4	3
31	4	5	4	4	4	4	5	7	6	7	7	6	5	5	5	5	4	5	5	3	3	3	3	4	5
MEAN	5	6	6	5	4	4	4	6	В	7	6	6	5	5	4	4	4	5	4	4	4	4	5	5	5.1

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POI	LUTAN	T - 1	NITRIC	CIXO	E .	CHEMI	LUMIN	ESCEN	Ŧ				UNITS	5 - 0.	01 PA	RTS/M	ILLIO	N						
	5"	TION	· Sw	NO 1	2008		467 U	NIVER	SITY	AV W	EST F2	WIND	SOR			MON	тн - 1	FEB	77						
HOUR DAY	16	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1	3	3 3 2	3	3	2	2	4	5	5	3		3 9 4	3	3		3	4	4	3	3	3	3	3	3	3
2	3	3	3	2	3	3	4	5	4	3	11	9	4			4	4	4	4	3	3	2	2	2	4
2	3	2	2	2	2	3	4	5	4	4	5	4	3	3	3	3	3	3	4	4	3	3 2 5 4	5	3	3
4	4	4	3	2	1	2	3	6	9	3 4 9 2 3 6	5 8 2 3	7	6	3 5 2 2	7 2 2	7	6	6	4	3	4	4	4	3	5
5	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	2
5 6	2	2	1	1	1	2	3	3	4	3	3	7 2 2	2	2	2	2	2	2	3	3	4	5	3	3	3
7	- 7	1	11	1		2	3	4	B	6	5	5	5	4	- 5	5	5	5	5	9	7	6	9	11	5
8	9	6	5	5	4	5	6	8	4 B 7	6	4		4			2	2	362253	4 2 3 5 2	3 4 3 2 3 9 2	2	2	9	4	4
9	4	4	5	2	3	4	4	3	4	4		4	4	5	4	ā	4	4	4	6	3	6	5	8	á
10	8	7	5 6	5 2 8	5	6	1.1	17	14	16		12	8	5	3	3	3	3	2	3	3	2 5 6 2 6 2	2	3	7
100,50	100		-	1000	5- 5-5 -7						13.000		-	,=		-	==:			100	77	-		100	
7.1	3	2	2	2	3	2	2	4	6	5	5	4	4	3	3	3	5	5	6	13	19	20	37	35	8
12	29	22	13	12	9	3	5	4	4	6		3	4	5 3 3 3	5	6	9	7	2	2	3	4	2	3	7
13	4	2	2	3	2	3	3	3	3	3	2	2	3	3	2	2	1	1	2	1	1	1	1	1	7 2 2
14	2	0	2	2	1	1	2	3	4	3	3	3	3	3	3	3	3	3	2	1	1	1	1	1	
15	1	0	0	0	0	1	1	2	3	3	3	3	3	3	3	3	4	3	2	2	2	2	3	3	2
16	2	2	1	1	1	2	5	В	10			5	4	3	3	3	3	2	2	2	2	3	3	3	3
17	6	4	4	8	8	6	10	1.1	14	11	7	7	3	2	2	2	2	2	2 2 2 2	4	2	3 2 7	1	2	5
18		1	1	1		4	2	3	3	3	5	6	5	2 5 3 2	4	4	2 6	6	8	7	6	7	7	6	4
19	11	11	3	1	1	1	1	2	3	3	4	4	4	3	3	2	2	2	2		3	3	3	2	3
20	1.	1	2	1	3	1	1	1	3 2	2	1	2	2	2	3	2	2	2	2	3	1	1	1	1	2
21	1	r.	opi	•	9	•	3	7	6		5	5	4	5	5	4	3	3	3	4	3	3	2	2	3
22	2	3	4	3	3	3	5	7	9	8	9	9	7	7	6	7	7	10	7	8	5	7			6
23	4	4	4	4	3 2	3 2 2	4	4	6	6	7	5	4	4	3	3	3	2	2	2	2	3	6 3 3 2	5 3 2 3	4
24		2	2	4	2	2	4 2	2	3		3	2	2	2	3	3 4	3 3 3 8		3	2	2	2	3	2	2
25	2	5	2	2	2	2	3	3	2	2			3	2	3	4	3	3	4	3	2	3	3	3	3
25	5	2	2	ĩ	- 1	1	1	5	2	3	3	5	5	3	4	5	8	5	4	3	2	3	2	3	3
25 26 27	5	2	2	1	1	- 1		5	2	2	3	3	2	2 2 3 2 4	3 3 4 2	5	2	3 5 2	4 4 2	2	2	3	3	5	2
28	2 2 2 2 3	2	2	2	3	4	5	7				3	3	4	4	3	4	3	4	3 2 5	4	3 2 3 3 3 6	6	В	4
MFAN	4	4	3	3	2	2	4	5	5	5	5	5	4	3	3	3	4	4	3	4	3	4	4	5	3.8

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. . INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0 OF PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 77 9 10 11 12 13 14 15 17 18 19 20 21 22 23 24 MEAN DAY 10 1 2 5 2 7 5 4 4 12 13 14 15 16 17 22 23 24 25 26 27 6 29 30 0 MEAN 2.1 PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 77 g 10 11 12 13 14 15 16 20 21 24 MEAN HOUR 0 2 12 2 5 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 1.5 MEAN

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 1.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 77 HOUR 7 8 9 10 11 12 13 16 17 19 20 24 MEAN 3 0 3 12 13 14 15 16 5 2 0 1 4 2 0 3 0 2 7 19 20 21 22 23 24 0 0 0 0 1 0 0 26 27 28

PERCENTAGE OF DATA VALID - 98.6

MEAN

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

2 2

1.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 3 4 3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

FOLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DCT 20 21 22 23 HOUR 24 MEAN DAY 2 0 0 1 ō ō 12 13 14 15 16 17 18 19 20 .. 14 13 2 10 6 8 12 2 2 6 14 82 10 2 12 7 3 4 7 19 22 23 24 25 26 27 2 16 8 3 28 4 33 13 2 24 15 13 13 9 6 13 7 9 7 B 4 4.7 MEAN

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 5.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- N	ITRI	COXID	E = 1	CHEMIL	UMINES	CEN	T			ι	JNIIS	- 0.	01 PA	RTS/M	ILLIO	V						
	STA	TION .	5W	NO	14049		156 V	CTORIA	ST	NORTH	SAR	NIA				MON	тн - ,	UAN	77						
HOUR DAY	¥	2	3	4	5	6	7	8	9	10	14	1.2	13	14	15	16	17	18	19	20	21	22	23	24 !	EAN
1 2 3 4 5 6 7 8 9	0 1 2 2 11 5 2 4 1	0 0 3 1 19 2 1 6	0 0 3 0 17 1 1 6 0 0	0 0 2 1 3 0 1 6	1 0 1 1 3 1 1 6 1 0	0 0 0 0 2 2 1 1 1 0	0 0 1 1 10 2 1 12 1	0 1 4 13 5 2 12 1	0 0 1 5 15 8 4 5 1	0 1 5 5 20 5 3 5 2	0 1 6 4 14 6 4 3 3	1 1 8 5 3 8 4 7 1 3	1 10 4 2 6 5 6	1 1 1 1 4 3 7 6 6 1 3	1 6 3 9 5 6	1 6 4 3 13 6 5 1	1 3 6 4 6 5 5 6 5 0 2	1 4 3 6 7 4 0	1 3 3 7 3 6 4 3 0	2426264200	2649363300	3 8 4 8 6 6 3 4 0 0	1 6 5 8 5 6 2 2 0 1	1 4 4 13 6 3 3 2 0	1 2 4 5 7 6 3 6 1
11 12 13 14 15 16 17 18 19 20	5 0 2 3 1 0 0 1 1 1	1 0 2 3 1 0 0 1 1 1	003310011	0 0 3 2 0 0 0 1 1 1	0 0 4 2 0 0 0 1 2 1	1 0 3 1 2 0 0 1 2 1	2 1 6 2 2 0 1 1 2 2	2 2 1 0 4 2 0 1 3 3 2	2 2 13 8 1 0 1 5 4 2	5 2 15 6 2 1 4 7 5 5	3 4 14 7 2 2 4 4 4 6	4 4 13 7 2 2 4 5 3 5	3 4 11 5 3 2 4 5 4 5	2 3 7 8 3 1 2 5 5 5	3 3 5 6 3 1 2 5 4 4	2 2 3 5 2 1	2 2 2 5 2 1 2 4 4 3	2 1 6 2 1 2 2 2 3	2 1 3 1 1 2 1 2	7 1 1 3 1 1 1 2 2	8 1 2 4 1 1 1 2 1 3	4 1 2 6 1 1 2 2 4	2 1 4 2 1 1 1 2 2 4	2 4 2 1 0 1 1 2 4	3 2 5 4 2 1 1 3 3 3
21 22 23 24 25 26 27 28 29 30	3 6 4 0 5 2 0	2 1 7 7 2 0 0 0 3	2 0 8 4 1 0 0	0 6 4 0 0 0 0	1 0 3 4 0 0 0 0 0 1 0	1 0 2 2 1 0 0 0 1 0	2053100000	NON6N50N00	3 1 2 5 2 6 0 4 1	4 2 2 3 9 1 1	6 3 2 6 3 7 1 1	5 3 2 10 3 4 1 1	4 4 2 7 4 5 1 1	4 4 2 8 4 4 1 1	4 4 3 8 3 1 1 1 1	3 1 8 2 0 2 1 1	3 0 7 3 1 1 0 0	3 3 0 5 3 1 1 0 1 0	2 3 0 6 2 1	24 25 1 2 0 0 0 0	3 4 5 1 0 0 0 0	3 2 1 5 1 0 6 0	0 2 4 5 1 0 4 0 0	1 3 5 4 1 0 5 1	3 2 3 6 2 2 1 1 1
31	0	0	0	O	0	0	0	0	0	1	1	1	1	1	1		* * * *	0	0	O	0	0	0	0	0
MEAN	2	2	2	-1	1	1	2	3	3	4	4	4	4	4	3	3	3	2	2	2	2	3	2	2	2.6

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - 5W NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - FEB 77 7 9 10 11 13 20 24 MEAN 8 12 HOUR DAY 123456789 3 0 2 4 0 3 1 4 2 2 4 5 6 0 2 3 2 5 15 7 2 3 2 4 12 10 6 2 14 10 2 10 8 11 3 5 5 0 2 4 0 942 8 3 3 6 10 10 000 000 11 12 13 14 15 16 17 18 19 20 2 C 2 0 0 0 1 5 10 0 0 0 DATA UNAVAILABLE - DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID - DATA INVALID - DATA INVALID - DATA INVALID - DATA INVALID - DATA INVALID - DATA INVALID - DATA INVALID -21 22 23 24 25 26 0 28 3 3 3 2 3 4 4 4 2 2.3 2

PERCENTAGE OF DATA VALID - 49.6 PERCENTAGE OF DATA INVALID - 42.3

PERCENTAGE OF DATA UNAVAILABLE - 8.2

- 2. " " INDICATES DATA IS UNAVAILABLE
- 3. " *** ** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	51	ATION	. 50	NO.	1404	9	156 V	ICTORI	A 51	NORTH	SA	RNIA				MON	TH -	MAR	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	D	0	0	0	O	1	3	3	3	2	2	2	1	1	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	2	0	0	3	2	2	2	2	1	1
3	- 1	2	3	4	5	7	8	10	3	2	2	2	3	2	1	1	2	1	1	0	0	0	0	0	3
4	C	0	0	0	0	0	0	1	0	0	0	0	1	1		4	4	1	1	2	4	3	2	1	1
5	1	- 1	1	1	2	4	0	1	1	1	1	1.	1		1	1	1	1	1	1	1	1	1	1	1
6	C	0	0	0		5	1	1	31	1	1	1	1	1.	1	1		1	1	1	1	1	1	1	1
7	1	- 1			1	5	1	2	3	3	3	2	2	0	0	0	0	1	0	0	2	10	0	0	1
8	,	0		3	7	9	9	9	9	8	6		3	5	3		- 1	0	0	0	0	0	0	0	3
9	C	0	0	0	0	0	0	3	4	3	3	1	1	3	2	. 1	1	1	0	2	4	3	1	0	-1
10	5	5	3	3	1	4	3	4	5	6	4	3	4	1	2	2	1	0	0	0	0	0	1	6	3
1.1	C	0	0	0		0	0	3	0	0	0	0	0	0	-1	Ť	0	0	0	0	0	0	0	0	0
12	C	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	C	0	0	0	1	1	0	0	3	4	2	2	2	2	2	2	3	2	1	3	1	1	1	0	1
14	C	0	2	0	0	1	2	3	3	1	3	1	2	1	1	1	3	0	1	1	0	0	3	11	2
15	14	1 1	3	1	1	0	2	3	2	1	1		1	1	1	1	1	0	0	0	0	0	0	0	2
16	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.7	C	0	0	0	0	0	0	1	1			0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	C	0	0	0	0	0	0	1	1	0	0	0	0	0		1	2	1	0	0	0	1	0	0	O
19	C	0	0	0	0	0	0	2	2	2	2	1	2	2		1	0	0	0	0	0	0	0	0	1
20	C	0	0	0	0	0	0	0	0	3	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
21	C	0	0	0	0	1	4	7	6		6	5	4	4	2	3	3		0	0	0	1	0	1	2
22	C	0	0	0	0	0	1	1	1		1	1	1	1	1	1	1	1	1	1	2	2	1	2	1
23	1	1	1		1	1	7	2	2	4	5	3	3	4	6	3	2	1	1	1	1	1	1	1	2
24	1	1	1	0	0	0	1	2	2	2	2	2	2	3	2		2	2	1	2	1	1	1	1	1
25	C	- 1	1	1	1	1	2	3	2	3	3	3	3	3	3		3	2	1	2	1	3	1	1	2
26	1	1	2	4	7	8	2	3	1	1	1	1		* * * *											
27													DATA	INVA	LID -										
28	****							**** *		****			****			****	1	1	0	0	0	0	1	2	
29	1	0	0	0	0	0	1	4	4	3 5	3	3	2	2	2	2	2	2	2	2	2	4	2	3	2
30	1	1	2	1	0	0	0	4	5	5	4	4	3	3	2	2	2	2	2	2	2		1	1	2
31	11	0	0	0	0	a	0	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	,
MEAN	-1	1	,	1	1	1	1	3	2	2	2	2	2	2	1		,	1				,	- 1	ï	. 3

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 7.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	30	FOLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.1														01 PA	RTS/N	11110	N						
	ST	ATION	- SM	NO.	14049	9	156 V	ICTOR	A ST	NORT	H SA	RNIA				MON	TH -	APR	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1)	1	1	2	1	1	3	2	1	1		1	1	1	1	1	1	1	1	1	1	3	0	0	•
2)	0	0	0	0	0	0	0	0	0	1	1	2	3	2	2	2	2	3	2	3	2	1	1	9
3	5	0	0	0	0		0	0	0	1	1		1	1	- 7	•	0	0	0	ō		2	1	1	
4	õ	0	0	o	ō		o	1	1	- i	1		- 1	•	- 1	4	1	,	ĭ	1	0	ō		à	
5	5	1	0	o	o	ĩ	0	- 1	2	2	2	2	•	1	4	- 4	- 4			ò	·	ĭ	ò	•	
6	Š	Ó	0	o	o		0		1	2	2	2	2	2	2	3	2	2	- 2		2	2	1	1	
7	õ	1		ŏ	0	0	1		3	6		6	- 1	4	4	2		3	10		100	1	ò	ò	
8		- 1	- 1		1	·		1	3	1	6	2	2	2	4	- 4	3	0		- 1	1	1	O		2
9	,	ò	- 1	1		5	5	2	1	2	2	- 2	1	2	1	- 1	1		0	1	1	2	1	2	1
10			1	2	3	0	0	5	2	0	1	2	2	1	2	2	2	2	2	1	0	1		2	2
10	3	2		0	U	U	0	0	1	O	- 4	1	3	,	1	1	1		1	0	1	1	1	0	1
1.1	3	6	7	5	6	7	8	9	6	5	5	4	1	2	2	2	2	2	2	2	2	2	2	1	4
12	1	1	2	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1	2	4	1	4	1
13	4	1	1	0	0	0	1	2	3	2	1	1	1	1	1	1	1	1	0	0	0	D	0	0	1
14	0	0	0	0	0	0	0	1	1	1	1	2	2	2	i	2	2	1	0	1	- 1	- 7	0	0	
15	D	0	1	0	0	0	1	1	3	3	2	2	2	2	2	- 7	2	2	1		i i	,	- 1	- 7	- 1
16	1	2	3	0	0	0	1	2	2	3	3	2	3	4	4	î	ō	- 1	0	1	3	10	12	13	3
17	9	17	24	19	12	7	6	5	ō	ŏ	0	- 7	1	1		- 1	- 1		•	à	6		ō	, 0	5
18	0	0	0	0	0	0	0	2	2	- 1														••••	
19		****														2	1	1	0	1		•	4	1	
20	2	1	1	1	1	1	3	6	3	2	1	2	2	1	1	2	2	1	0	1	î	i	- 1	o	2
21	0	0	O	0	0	0	1	2	3	4	4	3	2	2	2	2	2	1			2		90		
22	ĭ	ĭ	2	,	2	3	3	5	,		4	3	4	4	4	ā	- 7	3	3	3		2	2	2	2
23		- 1		- â	- 1	7		-	- 2	2	2	2	2	2	3	3		,		,	3	2	2	2	3
24	- 4	- 1	- 4	- 6	- 6		,		5	2		1	- 1	2	1	7	•		- 2	- 2		- 1	1	1	
25	ò		- 1	- 4	1		3			2	2		2	2	2	2		2	1		- 13	- 1	o	ò	
26	0	ò	1	ò	o	2	4	3		3	2	2	4	3	2	3	- 1	2		1	- 1	- 2			2
27	6	2	0	Ü	2	5	6	5		5		3	3	3	3	3	- 4		2	- 1	7	6	3	9	3
28				1	0	0	5	9	4	5	4							2	0	0	1.	1	0		3
	0	0	0	0				1	1		2	2		2		3	1	1	1	1	- 1	- 1	0	1	
29	3	2	1	1	1	2	5	3	2	••••		2		0		0	0	0	o	0	0	0	0	0	1
30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	C	O	G
MEAN	1	1	2		1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1.	2	1.6

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 4.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION S"ATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - JUL HOUR DAY 0 0 1 0 0 0 0 1 0 0 0 0 1 0 00--3 4 5 6 7 DATA INVALID DATA INVALID DATA INVALID DATA INVALID INVALID DATA INVALID 12 13 DATA INVALID DATA INVALID DATA INVALID 16 17 18 DATA INVALID 23 24 DATA DATA DATA DATA DATA DATA INVALID INVALID INVALID INVALID INVALID 26 2 2 3 3 0 ó ō C MEAN 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

PERCENTAGE OF DATA VALID - 21.9 PERCENTAGE OF DATA INVALID - 78.0
NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS . O. D1 PARTS/MILLION FOLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT NO 14049 156 VICTORIA ST NORTH SARNIA MONTH - AUG STATION - SW 24 MEAN HOUR DAY 0 2 5 6 7 12 13 14 15 16 17 3 2 2 2 4 3 2 2 2 22 23 24 25 26 27 3 2 2 2 0 8 2 o o ō ō D 1.9 MEAN

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	TION	· 5W	NO	14049		156 V	CTOR	IA ST	NORT	H SA	RNIA				MON	TH -	NOV	77						
HOUR	-1	2	3	4	5	6	7	В	9	10	1.1	12	1.3	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1	0	0	0	o	0	0	,	5	1	1	1	2	1	4	1	2	2	2	1	1		1	2	1	1
2	0	0	1	1	1	3	2	4	3	2	2	2	2	2	2	5	2	3	3	2	2	2	2	2	2
3	1	1	2		2	2	3	3	3	3	3	4	4	3	6	2	5	4	4	4	4	9	10	14	4
4	8	8	1.0	12	3	2	2	2	2	2	2			2	2	2	2	2	2	1	2	1		1	3
5	0	0	0	0	0	ō	Ô	1	1	- 1	- 7	- 7	2	2	-	2	2	2	2	2	3	2	2	2	ĭ
6	1	1	1		1	1	ĭ	2	2	3	3	3	3	2	2	2	2	2	4				3	2	2
7	4	- 1	- 7			- 6	2	3	4	2	3	3	2	2	2	2	3	2		3	2	2 2	2	1	2
В	- 4	- 1		12			2	3		2	2	3	2	2	2	2	3	3	2	2	2		2	2	2
9	- 1	- 1	- 1			4	2	4	4	4	4	3	3	3	2	2	3		3	2		2			
10	2	2	- 4		1	2	2	2	1	- 7	- 9	2	3		1		3	2	2	2	2	2	2	2	2 2
	4	-	- 7.		1.0		*	2	-6	(4)		2		1	1	2	3	2	2	2	2	,	1	1	2
11	1	1	1	1	1	1		1	1	1	2	2	1	1	- 1	1	2	2	2	2	2	2	2	2	
12	1	1	1	1	1	4	1	1	2	2	2	2	1	- 1	1	2	2	2	2	1	2	1	2	2	1
13	1	1	1	1	1	1	1	2	2	1	1	1	- 1	1	4.	1	1	1	2	2	3	2	3	3	1
1.4	2	1	2	2	2	2	3	5	4	3	4	5	4	3	3	3	3	3	2	3	3	4	5	4	3
15	2	2	2	3	3	2	2	5	4	3		6	4	5	3	5	3	1	2	2	2	4	4	4	3
16	3	3	2	1	1	3	1	4	5			6	5	3	4	4	5	5	5	5	5	3	1	1	3
17	1	1	1	1	3	2	2	3	5	4	4	2	2	2	2	2	1	3	2	•	1	1	1	1	2
18	C	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	2	2	,		10		1	1	1
19	C	1	1	0	0	1	1	1	2	2	2	2	1	1	ī	1	- 7	1	2	4	3	2	1	î	1
20	C	0	0	0	O	0	0	0	0	0	0	O	0	0	1	1	1	0	ō	o	0	o	1	1	o
21	1	2	3	0	0	0	O	0	1	1	1	3	1	1	ï	1		,		,	1	1			96
22	1.	1	1		1	1	1	2	5	5	3	3	2	2	- 4	2	3	3	2	2	- 1		- 1	2	2
23	1	0	0		1	0	1	3	3	2	2	2	3	3	5	5	8	8	6	4	3	2	- 1	1	3
24	1	1	1	1	1.	7	1	2	2		1	- 7	1	1	ĭ	1	ĩ	1	,	- 7	,	1		,	7
25	1	1	100	- 1	o	0	o	5	2	2	,	2	3	à	В	6	6	5	3	2			ò	-	2
26	ć	0	Ó	o	0	ŏ	õ	o	-	1	- 7	- 1	1	1	,	2	2	2		-	0		0	ò	- 1
27	č	ō	0	o	0	o	o	o		- 4		4	2	- 1		1	- 1	1	- 4		·	- 5	•	Ÿ	
28	1	2	1	,	ĭ	1	1	1	- 1	- 6	,	2	2	2		- 2	2	2	- 1	- 1	1				
29	Ċ		- 4	ò	1	2	2	- 7	9	6	6	4	- 1			- 1	-	2	2	4	1		6		2
30	10	5	3	2	2	î	2	5	6	6	5	5	4	5	4	4	4		2	2	9	6	2	1	3
MEAN	4	,	,	1	1	1	,	2	3	2	2	2	2	2		2	3		-						-
THE PARTY			A	- 4		3.	3	2	3	2	2	-	2	2	2	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.0° TION - SW NO 14049 156 VICTORIA ST NORTH SARNIA)1 PAF	RTS/M	ILLION	ě						
	STA	TION	- SW	NO	14049		156 V	CTORIA	ST	NORTH	SAI	RNIA				MON	TH - T	DEC	77						
HOUR	1	2	3	4	5	6	7	В	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8	10010125	1 0 0 1 0 1 2	00010117	1 0 0 1 0 2 4 8	1 0 0 1 0 1 2	0 0 0 1 0 1 2 8	1 0 0 1 0 2 2	2 0 1 1 2 3 4	4 0 2 1 1 3 2 7	5 2 1 2 2 2 2	7 2 1 1 2 2	5 2 3 1 1 2 2 2	2 3 1 1 2 2 2	2 2 1 1 2 2 2 2	2 2 1 1 2 2 1	1 3 1 1 2 2	1 1 2 1 1 3 4	1 1 2 1 1 2 4	1 2 3 1 1 5 2	2 2 4 1 1 5 1	3 2 2 8 1 4	3 1 2 6 1 1 3	2 1 2 3 1 1 3 3	1 1 2 1 1 3 6	2 1 2 1 2 3 4
9 10	1	4	1	2	1	1	2	1	1	1 2	3	3	3	1	4	3	2	1 2	1	2	4	5	7	7	3
11 12 13 14 15 16 17 18 19	5 5 8 0 0	5 2 5 3 1 2 2 1 1	4 1 6 5 1 2 1 1 2	3 5 5 1 2 1 0 2	3 1 5 3 1 2 1 1 3	3 0 3 4 1 2 1 1 4	2 2 2 8 2 3 2 1 3 2	2 5 14 3 5 2 1 6 2	2 7 6 7 4 9 2 1 7 2	4 7 7 10 8 2 1 4	3 7 5 4 6 3 2	2 9 6 4 3 2 5 2	2 9 8 4 9 3 2 2 3 2	2 8 7 4 7 3 2 3 4 4	5 3 7 4 2 4 5 8	2 5 4 5 6 1 6 5 6	2 7 3 5 6 1 6 7 6	7 3 4 7 2 4 4 3	2 6 3 4 8 2 9 2 4	2 6 5 3 5 2 10 2	6 5 7 2 2 2 2 2 9 2 3	3 6 6 2 3 3 2 4 2 2	2652321423	1 5 7 2 3 3 1 3 2 2	3 5 6 5 3 4 2 3 4 3
21 22 23 24 25 26 27 28 29 30	3 3 3 0 0 0	3 2 2 4 0 0 0 1 1 3	4 0 0 0 0 0 1 3	2 1 2 5 0 0 0 1 1 4	3 1 2 5 1 0 0 2 1 5	3 1 2 5 1 0 0 4 1 4	3225100329	4 2 2 4 1 0 1 4 4 1 2	4 2 3 3 1 0 1 5 9 9	5 3 7 3 1 0 1 6 7	4 2 8 3 1 1 2 6 9	6 3 7 3 1 0 2 6 7	6 2 7 3 1 0 2 6 4 7	5 5 2 3 1 0 2 7 3 7	6542102	5 5 1 1 0 2 5 4 6	6 8 5 2 1 1 1 6 4 5	5 6 4 1 1 1 5 5 5	5 7 4 1 0 0 2 3 7 5	5 4 2 1 0 0 2 2 9 5	5 2 2 1 0 0 1 2 6 4	3 3 3 2 0 1 1 2 6 6	5 2 3 0 0 1 2 4 5	4 3 0 0 0 1 2 4	4 3 4 3 1 0 1 4 4 6
31 MEAN	2	2	2	2	2	2	2	4 3	5	7 4	6 4	4	3	2 3	3	2 3	3	3	3	3	3	3	3	2	3 2.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	514	TION	- sw	NO	15001		WESTER	RN FAI	R GR	DUNDS	KING,	RECT	DRY L	NOON		MON	тн	JAN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
2	1	1	1	2	1	0	0	1	1	2	4	3	3	4	3	3	3	2	2	3	2	2	2	2	2
3	1	1	4	2	4	3	2	4	6	5	7	8	8	9	1.1	11	12	14	16	18	6	5	6	7	7
4	2	1	1	. 1	1	- 1	1	4	_5	4	4	3	3	2	• • • •	3	5	9	15	25	44	52	55	57 27	13
5	47	56	38	16	15	24	38	29	52	31	16	9	5	3	3	2	5	11	10	23	35	44	41	27	24
6	42	21	16	10	10	13	1.4	13	11	8	4	5	5	6	9	7	6	5	6	5	2	1	2	2	9
7	1	1	1		0	0	1	1	. 1	1.	2	3	2	3	3	3	3	4		4	4	4	4	2	2
8	2	3	2	2	2	5	7	10	11	10	7	8	9	В	5	4	5	5	3	4	3	3	4	3	5
9	1	1	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	Q	0	1	1	1	- 1	2	4	3	2	2	2	1	1	0	0	0	0	0	1
1.1	0	0	0	O	0	0		2	2	1	1	1	1	2	2	3	4	5	4	4	4	4	3	2	2
12	2	2	2	1	1	1	1	2	3	5	3	3	3	2	2	3	3	4	3	3	3	4	6	6	3
13	3	5	Ē.	5	5	7	12	20	20	14	7	В	7	8	6	4	3	2	2	3	5	3	6	6	7
1.4	5	2	1	í	2	2	5	В	13	16	12	9	8	6	4	3	9	6	2 4	4	5	4	2	2	6
15	1	ī	1	0	0	1	2	3	4	4	4	4	8	5	2	3	3	2	3	2	1	7	1	1	2
16	1	1	1	0	1	î	1	1	-	1	2	2	2	2	2	2	2	2	2	2	9	Ŷ	4	- 1	1
1.7	1	1	1	1	1	2	3	5	7	7	6	5	7	5	7	6	6	11	ร	2	- 4	i	2	- 1	4
18	0	0	0	0	0	0	2	6	13	9	4	1	2	2	3	3	3	3	3	2	î	,	2	2	3
19	1	1	1	1	1	0	o	2	3	3	2	2	2	2		2	2	3	2	1	- 1	•	1	-1	2
20	1	1	0	0	0	i	2	4	9	8	6	4	3	4	4	5	6	8	2 8	9	В	5	7	5	5
21	4	4	3	3	2	2	3	3	4	4	3	3	2	2	3	3	3	3	3	3	3	4	i	2	3
22	1	1	1	0	0	0	3	O	1	1	1	2	3	3	2	2	3 2	2	1	2	2	2	2	1	1
23	1	3	4	5	4	4	4	2	3	4	5	6	6	6	6	6	2	2	1	1	1	3	4	5	4
24	1	2	2	1	1	2	4	7	8	1.1	7	6	5	7	7	8	8	В	14	17	3	4	9	4	6
25	3	4	5	4	5	5	5	6	8	5	3	3	3	2	2	2	3	4	3	1	1	2	1	1	3
26	1	1	1	1	0	0	1	5	7	8	7	4	4	3	3	2	2	2	2	1	1	,	0	0	2
27	0	0	0	0	1	1	1	2	3	3	3	4	3	3	3	3	3	4	4	4	3	2	3	3	2
28	2	1	1	1	0	0	1	2	4	5	4	2	2	3	3	2	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2
30	1	2	1	1	4	1	0	1	2	2	2	2	2	2	2	2	1	1	2	1	2	1	1	2	1
31	1	1	1	1	1	1	2	3	3	4	4	4	4	4	5	5	5	5	3	2	1	1	1	٥	3
MEAN	4	4	3	2	2	3	4	5	7	6	4	4	4	4	4	3	4	4	4	5	5	5	6	5	4.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT . AIR RESORCES BRANCH

FOLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - FEB 77 HOUR 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 3 4 5 6 7 8 9 10 24 18 11 12 13 14 15 16 17 18 10 ...0 0 0 10 2 12 2 1 6 0 0 20 0 0 0 21 22 23 24 25 26 27 2 5 10 3 3 1 . 1 1 3 3 3 3 2 3 3 4 2 2.5

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - O.D.

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	SW	NO	15001		WESTERN	FAI	R GRO	UNDS	KING,	RECT	ORY L	DNDON		MONT	H - 1	YAN	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IE AN
1	o	0	0	0	0	0	0	0	0	1	1	1	!	1	o	1	1	1	2	1	0	0	1	0	1
2	1	0	0	O	0	0		1	3	1	0	0	0	0	0	0	0	0	0	0			ŏ	ō	(
3	1	1	0	0	0	0	1	0	0	0		•		1		•	0	o	0	o	ò	2	1	0	- 1
4	0	0	0	0	0	0	3	1	2	-	- 1	- 1	3	2	-	1	1	1	2	3	5	5	3	0	
6	0	0	0	0	0	ő	,	7	-	-			0	ó	o	1	o	ó	ő	o	0	õ	2	0	(
7	0	0	0	0	0	0	ó	à	ò	o	0	ó	ő	0	o	ò	0	0	ő	ő	0	2	1	1	
B	1	1	0	1	3	3	1	ĭ	ĭ	0	O	o	0	0	o	ō	0	o	ō	0	Ö	0	0	0	3
9	ò	o	o	o	Ö	0	o	0 -		o	o	ō	0	0	ō	o	1	0	0	0	0	0	0	0	(
10	c	0	o	o	Ö	0	0	0	O	0	0	ō	0	0	o	0	•	0	0	0	2	2	2	0	
11	C	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	6	19	28	13	3
12	9	3	1	0	0	0	1	2	2	O	0	0	1	1	0	0	0	0	0	1	1	1	4	2	į
13	C	O	0	0	0	0	0	0	1	0	2	1	1	0	1	1	0	1	1	2	5	3	4	1	
14	4	1	0	0	0	1	1	O	0	0	0	0	0	0	0	0	0	0	0	- 51	1	0		1	
15	5	4	1	O	2	2	2	0	0	0	0	0	0	0	0	0	1		2	- 1	3	5	2	o	
16	4	8	6	2	5	7	17	13	- 1	ò	ò	0	0	0	0	ò	0	3	-	o	3	-	1	1	
17	(0	0	0	1	- 1	3	1	- 3	·		1	·	1	0	Ÿ	1	٠		1		- 1	,	o	
18	(0	0	0	0	4	1	2		- 1	o	ò	ò	ó	ò	Ŷ	- 1		,	2	6	11	2	3	
20	21	4	4	4	4	4	2 B	3	1	î	ĭ	1	1	ĭ	1	i	i	i	1	ī	2	5	1	1	8
21	•	0	0	1	ı î	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1.	1	1	0	0	
22	O	0	O	0	0	0	0	0	0	1	1	0	0	0	O	0	0	1	1	0	1	0	O	0	1)
23	O	1	2	1	2	2	1	1	1	1	1	1	1	1	- 1	1	1	2	2	1	1	1	1	0	
24	0	0	0	0	0	2	2	2	0	0	0	0	1	1	- 11	2	1	7	1	1	3	6	,	ő	
25		1	1	1	1		1	•	0	0	0	0	0	0	0	1	ò	1	1	0	0		3	В	
26	O	1	0	0	0	1	1	1	0	0	0	0		0	0	0	0	0	0	1 2	5	12	18	17	
27	8	4	5	2	2	6	9	4	1	0	0	0		0	0	0	0	0	ó	ő	1	1	1	ó	
28	14	1 1	11	9	13	9	5	1	0	0	0	0		o	0	ő	o	ő	ő	ő	o	o	ò	Ö	
29 30	0	0	0	0	0	0	1	0 .	•••	o	o	ő		0	o	ő	o	o	ō	o	O	4	2	O	
31	0	o	0	0	0	0	-1	Ť	0	1	0	0	О	0	0	0	0	٥	0	0	0	0	0	0	
IE AN	2	i	1	1	1.	1	2	1	1	0	0	0	0	0	0	0	0	1	1	t	2	3	3	2	10

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON														- 0.0	1 PAR	TS/MI	LLION	Ę.						
	STA	TION -	SW	NO	15001		WESTERN	FAIR	GROU	UNDS	KING/	RECTO	RY.LC	NDON		MONT	тн - О	IUN	77						
HOUR	3	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	ΔN
*	C	0	0	0	0	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
2	č	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3	1
3	5	2	1	1	1	3	4	2	1	1	0	O	0	0	0	0	0	1	1	1	5	6	4	4	2
4	2	3	2	2	2	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1
5	r.	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
6	O	Ö	0	o	0	0	0	1	1	1	1	1	0	0	0	1	5	1	1	0	0	1	0	0	0
7	0	o	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	1	1	1	1	1	0
В		o	0	o	ō	1	2	2	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	0	1
9	()	ŏ	0	o	o	o	ō	O	0	0	0	0	0	0	1	1		1	1	1	1	2		1	0
10		1	0	o	o	2	4	2	ĭ	0	0	0	1	0	1	1	1	1	1	2	2	3	4	3	1
10			U	0	U		100			-	-														
11	13	3	2	1	2	3	3	•	1	1	1	0	0	0	0	0	1	2	2	0	0	0	1	0	1
12	1)	0	O	0	ō	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	2	1	0
13	0	0	0	0	0	,	2	1		0	0	0	1	1	0	0	0	0	1	0	0	2	3	0	1
14	7	1	0	ĭ	1	•	4	2	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1
15	- 1		٥	0	O	1	2	2	1	1	0	o	0	0	0	1	1	1	2	1	2	6	5	3	1
16	2	3	6	2	3	4	5	1	ò	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3
17	ź	õ	0	ô	ő	o	ĭ	i i	ĭ	1	O	0	1	1	1	1	0	0	0	0	0	2	1	1	1
18	7	ĭ	Ų	1	ĭ	1	1			1	1	1	1	î	1	1	1	1	1	1	1	1	1	1	1
19	- 1		- 1	- 4	,	1	1	1	1	- 1	1	1	0	0	0	0	0	0	0	1	1	2	1	1	1
20	2	5	5	2	2	3	5	4	2	· i	1	1	1	1	1	1	1	1	1	1	1	1.	1	0	2
20	2	5	э	2	•	3	-	-	-																
21	0	0	0	0	1		2	2	1	1	1	0	0	0	1	1	1	1	0	0	1	2	3	4	1
22	2	0	0	0	1	4	6	2	î	- 1	1	1	0	0	0	0	1	1	1	1	1	2	1	0	1
23	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	1	-1	1	0
24	- 2	ĭ		0	1	2	4	1	,	0	0	0	1	1	1	1	1	1	1	1		4	2	1	1
25		- 1	0	0	ò	ô	,	-		ĭ	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1
26	1			0	0	1	,	1	•	î	1	0	1	1	1		1	1	1	1	1	3	10	9	2
27	3	5	- 2	1	3	9	7	a	,	o	ò	o	O	0	0	0	0	0	0	0	0	0	1	0	1
28	0	0	0	ó		1	2	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	·	1	0			4	î		1	1	,	- 1	1	1	1	1	1	1	1	1	1	1	2	2	1
29 30	2	1	0	0	3	6	4	3		,	i	- 1	1	1	2	1	1	1	1	1	1	1	1	0	1
30	2	1	U	U	3	0	-							- 10	-										
MEAN	-1	1	1	0	1	2	2		1	1	1	0	1	1	1	1	,	1	1	1	1	2	2	,	1.0

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

						75.50		Terror	-					- 15 15 15 T			50,000,000		3.5						
	5"	ATION	- SW	NO	1500	1	WESTE	RN FA	IR G	ROUNDS	KING,	/RECT	DRY, L	ONDON		MON	тн -	SEP	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	,	1	Ĭ	1	0	0	0	0	С	0	0	0	0	0	0	0	O	0	0	0
2	0	0	0	0	0	1	1	3		1	1	0	0		o	0	0			0	0	0	3	0	0
3	0	0	Ď.	0		0	1	1	- 1	1	1	1	0	0	ō	0	0	0	ō	Ö	0	0	0	0	0
4	0	0	0	0	O	0	0	1	î	1	1	11	0	0	0	0	0	Ö	0 0	Ö	o	O	0	1	0
5	1	0	0	ō	0	0	0	0	0	0	0	0	O	0	0	0	o	õ	ő	Ö	o	0	0	0	0
6	1	1	1	1	1	1	2	1	ĭ	1	1	1	1	1	1	1	1	1	ĭ	ĭ	1	1	1	1	1
7	1	1	1	1	1	1	2	2	i	1	1	1	1	1	- i	1	1	i	- 1	2	2		- 1	- 1	4
8	1	1	1	1		1	2	2	- 4	1		0	0	0	0	0	o	o	ò	ō	ō	o	o	0	9
9	o	0	o	ó	O	o	1	- 1	o	O	0	0	0	0	0	o	0	0	o	ő	0	o	o	0	o
10	0	0	0	o		0	0	0	1	1	1	1	1	1	1	1	1	i	1	ĭ	1	1	1	1	1
1.1	3	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	4	4	14	14	2 2
12	12	7	8	6	6	3	2	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
13	0	0	0	0	0	3 0 2 4	1	2	0	2		1	1	-1		3	3	4	3	2	2	1	1		1
14	1	1	1	1	1	2	2 5 3 3	3	2	2	2	2	2	2	2	2	2	2	3	4		4	3	3	2 2
15	3	2	2	1	2		5	4	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
16	1	1	1	1	1	2	3	4	4	2	2	2	2	1	1	1	1	1	3	2	2 2	1	1	1	2
15 16 17	1	1	1	1	2	3	3	2	2	2	2	1	1	1	2	2	2	2	2	2 2 2	2	3	3	4	2
18	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 5	2	2	1	0	1
19	5	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	ō	O	ō	1	- 1	4
18 19 20	0	1	0	0	0	0	1	1	1	1	1	0	0	1.		1	1	1	1	1	1	1	1	1	1
21	0	0	0	0		1	2	3	2	2	1	1	2	1:	1	2	2	2	2	2	2	2	1	1	1
22	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	- 1	1	2	2	2	2	2	2	1	1
23		1	1	1	1	1	2	2	1	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	1
24	1	1		7	1	1	1	3.	1	,	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1
25	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
26 27	1	1	1	1	1	1	1	1	1	2	1	1	1	• • • •			• • • •			• • • •					
27	••••			••••						1	1	1	2	2	3	3	4	4	4	4	4	4	4	4	
28 29	4	4	4	4	4	4	5	5	4	4	4	3	3	3	3		3	3	3	4	6	10	13	13	5
29	13	12	1.1	8	9	18	24	32	21	7	3	2	3	3	3	3	3	4	5	4	5	7	12	12	9
30	8	4	2	2	3	6	3	5		••••	4	5	5	7	9	6	6	5	5	4	6 5 3	3	3	4	9 5
MEAN	2	2	1	1	1	2	2	3	2	1	1	1	1	1	1	- 1	1	1	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CHTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANI	r a n	ITR1	c oxic)E -	CHEMILU	MINES	CEN	т				UNITS	- 0.	01 PAR	RTS/M	LLIO	N						
	STA	TION .	S.W	NO	15001		WESTERN	FAIR	GR	OUNDS	KING	/RECTO	RY,	LONDON	Į.	MON	н - с)CT	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	9	6	6	5	5	4	3	3	3	4	3		2	2	2	2	2	2	2	2	3	3	4
2	1	1	1	1.	1	1	1	1	1	1	1	1	1		0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0		0	1	1	1	1	1	1	1	1	1	0
4	0	0	0	1	1	1	2	2	1	1	1	1	- 1	1	1	1	1	1	6	13	В	6	5	2	2
5	1	2	2	2	6	3	3	4	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	2
6	1	1	1	1	1	7	11	6	2	1	1	1	1	1.	•	2	1	1	2	1	1	1	4	3	2
7	3	2	0	0	2	5	1.3	4	1	,	1	0	1	0	0	1	1	1	2	0	O	0	0	0	1
8	ĭ	7	ĭ	,	- î	1	1	1		1	2	4	3		š	3	3	3	2	2	3	2	3	3	2
9	3	2	2	1	•	- 1	1	1	4	1	- 7	2	2	2	2	1	ī	1	- 7	ī	ĭ	- 7	ī	1	9
10		7				- 6	4	Ŷ	100		4	- 1	- 7			1	2	B	a	3	3	9	6	1	2
10				Ē			2						,	-			•	u.		3	3	9	U		
11	1	1	2	4	1	2	3	3	3	2	2	2	2		2	3	2	2	2	3	3	1	O	0	2
12	C	o	ō	0	D.	1	2	3	1	1	1	1	1	- 1	1	2	2	3	3	1	2	3	2	2	1
13	- 5		~			- 1	- 5	Ť	- 1			1	1		1	1	1	1	2	2	5	18	6	10	
14	E	7	6	5	6	10		13	10	6		- 21	- 2		- 2		-	0.		•			-		
15			0	-				, 5		•		- DAT		NAVALL	ABIE										
16														NAVALL		2									
17		9	51			+			ě.			1	1	. 1	1	1	1	4	8	3	5	8	5	1	
18	5	1	1	1	2	3	10	1.1	5	3	2	2	2	1	2	3	1	2	12	21	1.1	5	2	3	5
19	1	2	3	5	6	14	25	22	13	7	1	- 1	0	0	1	1	1	1	1	,	1		1	2	5
20	,	0	o	0	0	1	1	1	1	2	1	1	1	1	1	1	1	5	21	33	43	33	14	3	7
21	2	í		1	4	В	12	16	12						-	1	2	4	6	2	6	4	5	2	5
22		ò	ò	o	o	ő	0	0	1					- 1	1	- 2	- 7	7	ĭ	1		7	1	- 7	7
23		,		0	o	0	Ö	1			1		- 4	- 4		- 4		o	ó	ò	ó	ò	o	0	- 2
	1	0	0	0	1	2	4	5	à	5	2	0.7	,			-	4	3	10	8	10	11	6	2	, a
24			C								• • • •	2	2		2	2	2	4					2	2	- 4
25	31	7	7	6	5	7	11	14	6	-					2				6	6	5	9			5
26	31	2	1		1	4	8	11	10	6	4	7	4		3	4	7	14	18	23	19	24	40	33	10
27	24	21	19	13	1.3	10	10	10	8	7	5	4	6		2	3	4	5	10	1	0		0	0	8
28	()	0	0	0	0	2	5	6	1	0	0	O	0		0	1	1	2	6	7	15	16	7	3	3
29	••	2	0	0	0	0	0	O	0	0	0	0	0	0	0	1	0	0	1	2	1	2	- 1	0	Ť
30	0	O	0	0	O	0	0	1	1	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0
31	()	0	0	0	1	0	1	4	3	0	0	0	0	0	• • • •	0	1	2	1	0	0	0	0	1	i
MEAN	3	2	2	2	2	3	5	5	3	2	1	2	1	1	1	2	2	3	5	5	5	6	4	3	3.0

PERCENTAGE OF DATA VALID - 87.6 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 11.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. .. INDICATES DATA IS UNAVAILABLE
 - 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT NITRIC OXIDE - CHEMILUMINESCENT STATION : WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 3 4 5 HOUR 0 0 0 3 4 5 6 7 8 9 10 0 0 0 0 0 o ò 0 0 0 0 12 13 14 15 16 17 18 19 20 N0000000 0 0 ŏ 22 23 24 25 26 27 28 0.3 1 1 4. MEAN

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ".... INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POLI	UTANT	~ N	ITRIC	OXIDE	- (CHEMIL	JMINES	CENT				U	NITS	. 0.0	11 PAR	RTS/MI	LLION	ı						
	STAT	rion -	WC	NO 2	2071	1	EXPERI	MENTAL	FAR	W SIM	COE					MONT	гн - г	EB	77						
HOUR DAY	ì	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	00000000000	0 0 0 0 0 0 0 0 0	0000000000	000000100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 3 1 2	1000000000	0 0 0 0 0 2 1 1	1 1 0 0 0 0 0 0 0 2 2 1	0 0 1 0 0 0 0 2 1	0 0 0 0 0 1 1 0	0 1 0 0 0 0 1 0 0	0000000000	000000000	000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0	000000000	0000000000	000000100
11 12 13 14 15 16 17 18 19 20	000000000	0-00000000	0 - 0 0 0 0 0 0 0	000000000	000000000	0000000000	0000000000	000000100	0100001100	0 0 0 0 1 2 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	1 1 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000100	0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 0	0000000000	0000000000	0000000000	000000000	000000000	00000000000	000000100
21 22 23 24 25 26 27 28	0000000	0000000	00000000	0 0 0 0 0 0	000000000000000000000000000000000000000	0000000	0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	00000	0000000	000000	0000000	000000	000000	. 000000	0000000	0 0 0 0	0 0 0 0 0	0 0 0 0
MEAN	0	0	0	0	0	۵	O	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	O	0	0.1

PERCENTAGE OF DATA VALID . 97.9 PERCENTAGE OF DATA INVALID . 0.1 PERCENTAGE OF DATA UNAVAILABLE . 1.9

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STAT	ION -	WC	NO 2	2071	E	XPERI	MENTAL	L FAF	RM SIM	COE							MONTE	н - ма	R	77						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1		12	13	14	15		16	17	18	19	20	21	22	23	24	MEAN
1															AVAIL												
2															VALL												
3															VALL												
2 3 4 5 6 7 8															IVALL												
5															LIAVA												
7															AVAIL												
В															AVAIL												
9															LAVAII												
10												*	DAT	A Uti	AVAII	LABLE	-										
11												*1	DAT	Δ Ur.	AVAII	ABLE											
12															AVAII												
13															AVAI												
14															AVAII												
15															AVAII												
16															AVAL												
17															AVAI												
19													DAT	A Un	AVAL	LABLE											
20												9	DAT	A UI.	AVAI	LABLE											
21													DAT	A UN	AVAI	LABLE	-										
22															AVAI												
23												7			IAVA				0.20	-	0.001						DAM STORES
24	+	•	*		7		•			2				•••	0		9	0	0	0 0 0	0	0	0	0 0 0 0	0	0	0
25	0	0	0	0	0	0	0	O	0	0	0		0	0	0		0	0	0	0	0	0	0	0	0	o	
26	0	0	0	0	0	0	0000	0 0 0	0000	0 0 0	0 0 0		0	000	0			0 0 0	0 0 0	ŏ	0 0 0	0000	0 0 0	0	0 0 0	o	o
27	0	0	0	0	0	0	0	0	0	0	ő		•••	o	a		2	o	o	o	0	o	o	o	ō	0	0
29	0	o	o	o	Ö	0	ő	0	Ö	0	ō		0	0	ō		0	0	0	0	0	0	0	0	0	0	
30	Ö	ō	o	o	ŏ	0	ō	1	1	0	0		0	0	0	,	D	0	0	0	0	0	0	0	0	0	0
31	0	o	0	0	0	0	0	0	0	0	0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	O	0	0	0	0		0	0	0		0	0	0	0	0	0	0	0	0	0	0.0
PERCENT	AGE O	F DATA	Δ ν Δ	LID -	23.9		,	PERCEN	TAGE	OF D	ATA	INV	/ALI	· -	0.3			PER	RCENTA	GE OF	DAT	A UNA	VAILA	BLE -	75.B		

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	r - N	ITRIC	OXID	E - 0	HEMIL	UMINE	SCEN	E			j.	UNITS	. 0.0	O1 PA	RTS/M	ILLION	4						
	STA	TION	- wc	NO 2	2071	E	XPERI	MENTA	L FAI	RM SI	MCOE					MON	тн - 1	APR	77						
HOUR	ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0000
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0		0	0	1	1	0	0	0	0	0	0	0	0	0	
5	0	0	O	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
6	ŏ	ŏ	Ö	o	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
7	c	ő	0	o	1	1	1	1	1	1	O	1	0	0	0	0	0	0	0	0	0	0	0	0	0
В	č	ō	o	o	0	0	0	0	ò	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Č	o	·	1	1	- 1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
10	č	ŏ	0	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
1.1	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0
12	C	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
13	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	C	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
15	1	1	1	1	1	1	1	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16	9	1	1	1	1	1	1	2	2	2	1	1		1	0	0	0	0	1	1	1	1	1	1	1
17	- 1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	-1	0	
18	1	1	1	1	1	1	1	1	2	1	- 1	1	1	1	1	-1	1	0	0	0	0	0	1	0	1
19	()	0	0	0	O	1	3	2	1	1	1	1	1	0	3	1	0	0	0	0	0	0	0	0	1
20	()	0	0	0	O	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	1		1	1	0	0	0	0	0	0	0	0	0
22	()	0	D	0	0	0	O	0	0	0	0	0	0	1	1	0	0	1	1	О	0	0	0	0	
23	()	0	0	0	0	0	- 1	1		1	1	1	1	1	1	. !	1	- 1	1	1	1	1		1	1
24	1	1	1	1	5	1	1	1	1	1	1	1	1	. 1	1	1	1	1	1					••••	1
25														INVAL											
26														INVAL											
27														AVAIL											
28 29														AVAIL		8									
29														AVAIL		4									
30												- DA	TA UN	AVAIL	ABLE	ň									
MEAN	3	0	0	0	0	0	1	11	1		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 79.2 PERCENTAGE OF DATA INVALID - 5.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA UNAVAILABLE - 15.4

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUL 77 HOUR 4 5 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 5 6 7 8 9 10 0 11 12 13 14 15 16 17 18 0 0 0 2 20 21 22 23 24 25 26 27 28 29 30 2 2 2

PERCENTAGE OF DATA VALID - 99.5

31

MEAN

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1.3

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

2 2

2

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

2

2 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

FOLLUTANT - NITRIC DX:DE - CHEMILUMINESCENT UNITS . O.C. PARTS/MILLION STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - AUG 77 17 24 MEAN HOUR 12 19 20 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 0 30 31 2 2 2 2 2 1.0 1 MEAN

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 5.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT MONTH - JAN STATION - WC NO 29008 NORTH PARK HAMILTON 24 MEAN g В HOUR DAY 13 21 16 30 33 11 19 0 17 21 15 14 30 12 19 0 24 22 10 19 26 17 22 25 18 30 15 18 14 12 25 21 23 31 10 14 0 30 20 18 28 11 30 23 11 33 15 13 0 11 14 13 13 10 2 1B 15 26 26 42 20 22 20 37 45 18 26 5 10 7 15 6 4 5 7 8 9 9 7 28 11 15 0 32 10 14 9 10 11 12 12 14 14 10 19 20 9 5 0 12 24 0 9 8 0 0 ò ò o o 22 21 10 19 27 19 23 2 3 7 6 9 14 25 42 17 5 14 27 21 23 12 13 14 15 16 17 18 19 20 0 2 24 4 12 6 29 13 2B 4 11 4 9 11 7 8 4 7 27 6 10 0 6 18 57 16 3 14 20 24 24 19 20 3 9 5 15 2 6 5 16 16 21 1.6 24 21 21 21 17 22 17 22 10 13 9 14 11 18 11 16 42 10 10 11 19 22 23 24 25 26 27 28 15 27 44 28 INVALID 8 1.1 q 30 17 1.1 15 15 15 14 MEAN

PERCENTAGE OF DATA VALID - 88.8

PERCENTAGE OF DATA INVALID - 11.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1, "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LEUS THAN 2/3 VALID DATA FOR DATLY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION HOUR 1.7 24 MEAN DAY 1 2 3 4 5 6 7 8 9 10 INVACID INVALID INVALID INVALID INVALID INVALID INVALID INVALID DATA INVALID DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID 12 13 14 15 16 17 18 19 20 INVALID INVALID INVALID DATA INVALID 5 15 23 6 15 13 4 5 1 0 1 4 6 0 5 7 15 10 0 14 2 0 14 0 0 7 0 0 6 0 0 0 0 14 6 0 0 13 5 0 18 10 8 8 2 12 13 8 11 11 0 5 26 MEAN 4.7

PERCENTAGE OF DATA VALID + 22.6

PERCEITAGE OF DATA INVALID - 77.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PCLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNLIS - 0.01 PARTS/MILLION

STATION - WC NO 2900B NORTH PARK HAMILTON MONTH - MAR 77

	51	ATION	4 - MC	NO	29008	5	NORTH	PARE	HAMI	LION						MON	41H -	MAR	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	0	1	3	5	10	15	14	10		8	8	7	8	9	9	8	6	7	8	7	7	8	7
2	5	4	4	3	2	- 5	В	12	1.4	11	9	7	6	4	3	4	6	6	7	4	3	3	4	5	6
3	6	3	3	2	2	3	10	21	30	20	3	1	0	0	0	0	0	0	0	0	ō	0	O	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	10	8	6	5	5	2
	6	4	3	2	2	2	4	5	6	7	7	8	В	8	7	7	8	8	8	8	7	6	5	5	6
6	5	5	3	1	2	1	1	1	1	2	6	8	8	10	10	8	10	11	10	10	11	1.1	1.1	10	7
5 6 7	6 5 8	6	4	3	3	4	10	18	23	20	14	12	12	12	14	16	15	15	1.1	7	5	4	8	10	11
8	9	8	6	5	4	5	11	19	23	20	18	14	10	10	12										
9				****								12	11			13	1.1	1.1	В	5	3	3	5	5	
10	4	4	2	3	3	5	9	19	22	15	13	12	1.1	10	1.1	11	15	22	29	26	16	46	55	20	16
11	19	41	29	1.1	9	26	33	18	10	5	3	3	2	1	O	0	0	0	0	0	0	0	0	o	9
12	0	0	0	0	9	0	33 0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
13		0	0	0	0	0	0	7	7	7	7	8	9	1.1	1.1	9		10	14	15	18	13	11	12	8
14	0 5 3	2	7	9	4	5	12	18	17	12	11	12	12	11	18	16	18	28	19	10	10	1.1	18	14	12 5 5
15	3	3	13	6	7	12	24	18	9	3	2	1	4	1	0		9	0	0	0	0	0	2	5	5
16	12	6	0	0	0	1	5	1.1	13		5	6	6	6	5		9	9	6	6	4	2	2	1	5
17	0	0	0	0	0	0	3	8	15	1.1	10	9	11	12	17	19	19	19	21	6 8	1.1	14	10		9
18											0	1	1	1	1	1	1	1	1	1	2	5	2	5	
19	6	3	2	1	3	3	4	10	24	23	1	8	12	6	7	13	13	14	12	14	8	7	5	5	8
20	10	G	2	7		2	1	1	1	1	1	1	1	1	12	5	4	4	3	3	3	7	7	7	4
21	7	6	5	6	7	8	15	29	25	18	14	15	17	19	21			2	1	1	1	2 5 4	1	1	11
22	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	. 1	8	12	7	4	6	5	4	4	3
23	3	5	1	1	1.	1	6		1.7		17	15	12	13	15	15	14	1.1	12	9	6	4	3	3	3 8 9 9 3
24	2	1	1	1	- 1.	1	8	15	16	12	14	14	12	11	12	14	15	14	13	9	9	9	7	5	9
25	5	2		2	1	2	15 5	20		0	1	5 9 0	12	6 0 6	0		22	27	5	0	0	3	4	5	6
26	5	5	2	2	2	- 1	5	2		19	14 0 0	9	1	6	1	1	1	2	18 0 0	22	21	16 0 0	20	21	9
27	15	10		-1	8	14	9	2		1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
28	0	0	0	0	0	0 0	0	0	0	0	0		0	0	0	0	11	1	0	0		0	0	0	
29	0	5	1	0	0	0	3			1	9	7	7	6	7			10	9	7	8	В	7	9	5 8
30	11	12	2	0	0	1.1	31	8	0	0	0	2	8	8	7	9	10	10	10	9	10	10	11	11	8
31	5	2	2	3	4	5	8	1.1	12	11	11	1.1	8	9	10	11	12	14	3.1	9	8	6	5	7	8
MEAN	5	5	4	3	2	4	8	10	11	9	7	7	7	6	7	8	9	9	9	7	6	7	7	6	6.8

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION NORTH PARK HAMILTON STATION - WC NO 29008 MONTH - APR 77 6 7 9 10 12 13 14 16 17 18 19 24 MEAN 0 0 10 4 23 1 2 3 0 0 16 11 24 5 7 5 0 1 0 9 20 9 11 0 12 9 19 12 15 8 0 10 8 22 11 10 0 11 0 9 11 17 12 8 13 0 0 13 0 9 9 16 10 14 0 11 10 17 9 7 0 5 0 0 3 4 8 5 1 0 1 0 3 0 0 5 6 2 1 8 9 10 0 0 5 0 12 11 19 7 0 0 0 5 1 0 0 0 15 10 31 4 4 5 4 0 11 8 19 12 11 0 12 11 18 8 7 0 2 16 12 10 9 10 9 7 0 0 0 0 0 5 0 0 8 0 1 0 12 13 14 15 16 17 18 19 20 17 16 28 1 0 0 0 20 15 19 1 0 0 0 4 10 6 6 0 0 0 0 0 0 10 6 5 0 0 0 0 1 15 9 0 15 0 1 19 0 0 0 22 23 24 25 26 27 28 29 14 20 0 8 0 16 0 4 0 21 18 13 27 0 0 0 0 10 1 12 0 35 0 0 0 0 11 0 12 3 1 0 0 0 0 8 7 10 0 0 0 1 10 4 20 0 0 0 25 16 17 16 0 0 0 0 16 4 12 5 0 2 0 0 11 0 13 9 3 0 0 0 1 0 0 0 0 13 0 0 27 4 16 0 0 9 3 0 10 10 10 0 4.7

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION S"ATION - WC NO 29008 NORTH PARK HAMILTON

	SA	TION	- WC	NO :	29008		ORTH	PARK	HAMIL	TON						MONT	TH - C	IUL	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EΔN
1	4	2	ï	2	3	4	6	7	8	9	8	6	5	5	5	5	5	5				10	8	7	5
2	4	2	2	2	3	6	7	6	7	7	6	7	7	8	9	9	9	11	1.1	1.1	12	17	16	2	8
3	0	0	2	0	1	,	1	1	1	1	0	0	0	0	0	1	9	7	13	13	1.1	7	9	6	4
4	3	1	1	1	2	10	15	20	16	16	19	13	1	1	1	1.1	12	9	9	7	6	5	6	6	8
5	4	4	5	-4	4	5	13	20	7	1.1	14	5	1.	1	1	1	1	1	1	11	0	0	0	1	4
6	0	5	1	0	0	0	0	0	0	1	1	21	9	• • • •	0	0	0	0	0	0	0	0	O	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	15	5	1
8	1.1	9	10	10	10	16	17	18	19	23	• • • •			1	9	7	1	7	12	14	14	10	10	9	11
9	7	5	4	4	4	6	13	15	22	23	14	1	1	2	6	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	O	0	0	0
12	9	3	3	4	4	1.1	18	20	1.7	16	15	13	1.1	1.1	3.1	11	1.1	9	8	5	5	6	9	9	10
13	5	3	3	3	4	7	10	13		1.4	13	12	15	15	14	13	15	14	12	14	19	17	13	10	11
14		5	4	3	5	1.5	23	27	15	2	- 1	1	1	1	1	1		11	14	12	1.1	13	9 5 2	9	8
15	8	5	4	3	5	12	23	26	23	18	18	15	12	9	8	В	1.1	2	6	9	В	5	5		10
16	€	2	7	5	9	1.1	1.8	22	9	1	1	- 1	0	O	0	0	0	8	6	5	6	3	2	3	5
17	3	2	1	2	1	2	5	6	8	10	9	10	1.1	9	7	9	13	10	9	14	17	11	11	7	8
18	3	3	2	3	8	12	25	24		1	. 1	12	5 12	1.1	10	7	4	6	7	10	4		1	10	
19	5	2	2	3	4	9	17	19	20	15	1.1	12	12	14	1 -1	1.3	13	14	12	1.1	15	16	18	13	12
20	Ē	4	4	2	4	9	15	13	11	1.1	12	10	6	7	6	7	5	5	5	7	7	5	5	3	,
21	2	2			2	8	12	14	12	12	13	12	12	17	19	14	7	1	1	12	19	13	11	12	9
22	C	0	0	0	0	0	0	1	- 1	0	0	0	0	0	O	1	0	0	1	1	2	10	5	7	9
23	ć	4	3	3	4	6	В	1.1	15	18	18	10	7	10	12	9	9	9	10	10	13	5 7	8	5	7
24		4	2	2	2	3	3	6	5	7	7		19	8	16	13	15	11	12		8	8	6	2	10
25	1	3	2	2	5	7	11	13	14	18	13	17	21	13		23		14	9		10	13	14	3 10	13
26 27 28 29	5) 5, 6	2	- 1	2	3	8	19	24	15	23	21	18	0	21	22	23	13	13	10		12	13	11	7	7
27	-	3 5	2	4	7	15	24	30	15	0			0	o	0	0	ő	0	0		0	0	o	ó	,
28	6,	5	2	3		3	4	4	3	- 1	5	1	8	10	21	22	17	14	20		10	18	9	7	8
29	0	0	1	1	- 2	1	2	3	3	16	16	10		10	21	22	1	14	20	19	10	7	1	1	5
30	-41	3	3	3	4	6	8	10	12	16	16	10		-46	- 12		3	-1	,		4				- 5
31		1	1	11	1	1	1	1	1	1	1	,	3	4	4	4	5	7	8	8	6	9	13	В	4
MEAN	4	3	2	2	3	6	10	12	10	9	8	7	6	6	7	7	6	6	7	8	7	7	7	5	6.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - N	(ITR10	OXIC	E - (CHEMI	LUMIN	IESCEN	т			ţ	JNITS	. 0.	D1 P46	RTS/MI	LLIO	4						
	STA	TION	- wc	NO 2	9008	,	NORTH	PARK	IMAH	LTON						MON	тн - и	uG	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	4	3	3	3	3	3	4	5	7	10	12	10	10	1.1	1.1	11	1.1	9	13	15	15	14	12	7	9
2	6	4	3	3	6	14	25	22	17	18	15	12	12	12	10	6	9	8	7	8	10	15	18	11	1.1
3	4	2	1	1	1	1	1	4	4	1	1	1	7	3	2	15	2	1	8	10	5	8	8	5	4
4	3	2	3	2	5	10	15	14	14	1.1	10	9	8	10	1.3	12	13	12	12	14	13	7	3	1	9
5	1	1	0	1	4	7	13	16	10	9	9	10	9	9	11	8	8	9	10	8	7	5	8	6	7
6	5	5	6	6	5	8	9	9	13	18	3	3	3	3	3	3	3	2	2	1	1	0	0	0	5
7	O	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	13	20	10	5	2
В	3	4	3	4	5	6	14	28	25	12	10	20	22	9	6	6	10	16	20	15	8	1.1	14	10	12
9	6	6	5	5	5	12	26	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
10	0	o	0	0	0	0	28	24	20	14	11	10	15	14	10	1 1	11	11	8	В	8	7	10	6	9
1.1	4	3	2	2	5	13	16	15	15	16	13	1.1	10	10		16	14	14	12	8	9	8	9	8	10
12	0	0	O	0	0	5	12	17	15	1.3	14	12	6	9	10	9	6	8	6	7	8	4	4	2	7
13	0	0	0	0	1	5	9	9	9	6	5	1	3	3	3	3	4	4	4	4	4	2	2	1	3
14	0	0	0	0	2	3	1	2	7	0	15	12	11	10	9	9	12	12	12	13	17	9	13	7	7
15	4	2	1	2	5	13	20	24	24	20		17	17	14	4	10	5	0	0	11	14	5	1	1	9
16	2	1	- 4	2	2	2	4	3	0	0	0	0	0	0	0	0	0	0	1	9	8	5	3	2	2
17	3	2	1	2	3	7	10	13	12	12	14	1.1	1.1	12	1.1	1.1	9	7	4	4	4	4	3	2	7
16	1	1	2	2	4	9	12	12	11	12	14	14	13	15	14	15	11	10	6	7	7	13	9	6	9
19	4	4	2	5	6	12	12	26	30		0			0	12	8	8	6	10	9	7	6	6	7	9
20	6	3	2	2	3	5	8	9	15	19	9	17	13	12	15	7	1	4	7	14	11	10	11	10	9
21	8	7	9	5	3	3	2	2	2	2	10	13	14	5	11	13	16	5	15	19	15	13	12	8	9
22	4	4	3	4	6	1.1	12	11	12	12	12	12	12	12	12	14	13	9	8	9	6	9	6	4	9
23	4	4	4	4	5	10	15	25	24	18	21	15	16	19	20	23	1.1	1	1	1	2	1	. 1	1	10
24	1	1	1	1	1	1	2	6	6	3	14	3	3	15	18	18	18	18	15	12	1.1	14	15	1.1	9
25	5	3	3	3	4	1.1	18	23		6	1	1	0	0	0	0	0	0	9	18	22	20	14	12	8
26	17	9	10	2	0	1	3	4		0	0	0	0	0	1	1		1	1	1	1	1	2	3	3
27	2	1	2	1	1	1	3	5	2	1	1.1	9	9	8	9	10	12	15	14	14	14	12	1.1	11	7
28	12	1.1	8	7	7	9	10	10	13	12	12	10	10	8	9	9	8	10	1.1	11	14	15	12	9	10
29	5	5	6	5	8	1.3	17	18	17	15	15	15	15	17	16	18	19	19	15	13	13	12	4	3	13
30	6	6	5	4	7	17	22	23	22	22	0	D	0	0	0	0	0	0	O	0	0	0	0	0	13
31	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	6	1.1	5	1
MEAN	4	3	3	3	3	7	1.1	12	12	9	8	В	В	8	8	9	В	7	7	9	9	В	7	5	7.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALLD - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION 5'ATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV HOUR 24 MEAN DAY 8 14 6 16 7 2 7 16 15 14 0000 25 0 0 14 10 6 6 0 0 0 0 1 10 8 22 8 6 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 2 5 47 29 17 22 13 13 13 29 24 17 28 17 10 7 15 26 23 16 24 15 11 13 21 43 24 22 18 18 15 20 25 21 24 18 19 5 12 14 10 15 12 9 5 12 11 33 18 20 19 15 4 10 23 19 15 17 13 10 4 2 3 5 7 5 5 5 5 5 5 5 5 5 46 44 20 33 22 11 2 1 1 5 1 2 1 3 1 0 7 2 10 24 14 18 14 16 15 0 33 21 18 24 17 12 6 7 27 11 15 12 14 14 21 14 11 11 11 12 2 15 13 14 12 11 6 17 9 16 10 41 22 29 18 8 16 9 8 8 5 0 27 16 17 13 8 25 19 34 12 12 21 17 14 0 6 5 22 23 24 25 26 27 28 29 30 25 0 20 26 0 25 0 4 28 11 0 13 0 22 0 20 0 6 8 19 33 30 1 18 0 6 23 16 3 10 4 13 7 4 3 14 16 3 3 11 14 22 4 0 17 3 4 13 10 12 4 0 11 21 12 9 10 2 0 12 36 0 13 5 0 14 5 10 2 0 11 23 10 23 0 20 0 5 2 1 14 9 6 0 17 0 7 17 27 6 0 12 15 6 0 13 7 17 0 6 6 18 2 35 6 0 7 20 28 0 MEAN 8.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

FOLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29008 NORTH PARK HAMILTON MONTH . DEC HOUR 24 MEAN 15 16 0 5 10 35 8 13 9 6 0 1 10 33 12 4 12 12 8 0 2 9 33 9 14 15 6 0 4 11 26 9 13 12 11 8 0 6 9 14 8 11 12 6 5 13 6 0 2 9 13 0 2 11 11 7 8 4 5 0 0 4 19 8 1 16 12 7 0 9 14 1 11 12 11 10 0 10 15 10 0 5 12 8 12 0 9 0 7 0 11 0 11 6 9 40 10 3 34 12 7 14 0 9 5 12 0 5 3 9 10 10 12 10 7 12 13 14 15 16 17 18 19 20 31 20 14 19 2 0 0 0 31 20 15 21 2 0 0 0 23 20 22 22 2 0 0 19 17 17 22 1 0 0 20 14 25 22 24 17 26 0 0 0 2 5 3 3 7 1 0 0 0 17 23 4 22 0 0 1 0 38 14 15 9 20 0 0 20 20 11 9 17 18 0 0 1 0 10 13 11 0 8 13 12 11 0 0 0 9 16 18 18 50 00 5 13 9 12 7 7 0 0 0 12 6 5 5 30 8 32 0 0 37 5 24 0 11 14 39 0 18 27 12 0 0 24 8 0 0 0 13 0 0 0 0 0 12 13 (3) 17 14 23 17 17 21 14 3 3 22 23 24 25 26 27 28 29 30 9 11 6 4 20 16 13 24 18 16 17 20 19 4 15 19 17 5 8 17 13 20 19 13 6 5 8 14 12 0 2 7 15 10 0 2 7 16 12 10 0 2 7 10 9 0 3 9 12 3 13 12 10 3 5 8 12 13 15 16 25 10 7 4 7 10 14 15 22 9 18 18 2 10 14 16 15 13 29 16 18 33 13 17 20 17 16 22 16 16 42 18 25 17 17 23 10 12 18 15 18 9 9 7 2 o Ü 8.2 MEAN В

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION S"ATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 77 16 17 18 19 20 21 22 23 24 MEAN HOUR 9 10 11 12 13 14 5 3 0 8 4 5 9 3 6 7 8 9 19 18 10 13 0 2 22 4 10 0 2 16 3 0 3 0 12 13 14 15 16 17 18 19 9 11 0 0 4 5 7 3 6 10 2 0 4 6 10 1 0 0 1 0 22 23 24 25 26 27 28 29 1 2 7 3 10 2 9 12 3 1 (1 3.2 MEAN

PERCENTAGE OF DATA VALID -100.0 PERCENTA

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	r - 1	NITRIC	OXID	E - 1	CHEMI	LUMINE	SCENT	r			L	INI IS	- 0.0	1 PAF	RTS/M	LLION	4						
	STA	TION	- wc	NO 2	9025	1	BARTON	N/WEN	WORTH	HAM!	LTON					MONT	н - н	EB	77						
HOUR DAY	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	0	0	0	0	0	1	1	2	3	4	3	2	1	0	1	1	1	2	4	4	2	2	1	0	1
2	1)	0	0	0	0	0	1	5	5	4	3	2	2	2	3	3	4	7	4	2	2	2	1	2	2
3	.2	1	1	1	1	1	2	5	5	2	2	2	2	2	1	1	3	2	2	1	1	1	1	1	2
4	1	1	1	1	1	1	6	12	10	3	2	2	1	1	2	2	6	8	2	2	1	1	1	2	3
5	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	О
6		1	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	- 1	1	- 1	0	0	0	1	1
7	1	0	0	0	0	0	1	3	3	3	2	1	2	2	2	2	5	3	2	2	1	1	2	2	2
8	2	2	0	0	0	0	2	7	9	8	6	5	5	4	5	6 3	4	3	2	2	1	1	1	1	3
9	1	0	0	0	0	1	1	2	3	4	2	2	2	2	2	3	3	5	3	2	2	2	2	2	2
10	3	2	1	1	1	5	13	26	24	10	8	7	3	4	4	3	11	15	5	5	5	7	14	16	8
11	4	1	0	0	0	0	1	1	2	1	1	3	1	1	2	2	4	5	3	4	4	4	4	4	2
12	5	5	3	1	1	1	1	4	4	6	5	5	4	2	2	2	7	6	2	4	4	4	3	9	4
1.3	3	2	1	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
14	۵	0	0	0	0	1	2	3	3	- 1	1	- 1	1	1	1	2	4	2	1	1	1	1	1	1	1
15	1	0	0	0	0	0	1	2	2	0	0	0	1	1	1	1	2	2	1	2	1	1	1	0	1
16	1	0	0	0	0	0	2	4	8	2	1	0	1	0	0	0	1	2	1	1	1	1		2	1
17	1	1	0	0	0	0	3	7	11	9	4	2	1	1	2	2	4	3	2	5	5	2	2	1	3
18	1	1	0	0	0	1	2	4	6	4	5	8	6	6	7	8	1.1	11	7	5	4	4	3	3	4
19	3	3	3	3	3	3	2	1	1	0	1	1	0	0	0	0	0	,	,	1	1	0	1	1	1
20	0	1	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	О
21	0	0	0	0	0	0	1	3	4	3	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
22	2	1	1	1	1	0	1	3	5	4	3	2	2	2	3	1	0	1	4	6	5	9	9	10	3
23	8	5	6	4	4	3	2	1	1	1	2	2	2	3	3	2	3	2	. 1	2	1	- 8	2	2	3
24	1	2	1	1	2	2	2	3	4	5	9	9	13	27	24	18	12	4	2	4	5	1	11		6
25	1	1	0	0	0	0	1	1	1	1.	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0
27	1	1	1	O	1	2	3	2	4	2	1	6	10	1	1	- 1	0	0	0	0	0	0	٥	0	2
28	0	0	0	0	0	0	2	2	4	3	1	1	2	1	1	1	2	3	2	1	0	0	1	0	1
MEAN	2	1	1	1.	1.	1	2	4	4	3	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 77 HOUR DAY 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 4 20 16 000 0 10 0 0 0 0 0 2 0 0 11 12 13 14 15 16 17 18 19 8 2 15 2 5 13 0 0 3 10 12 21 22 23 24 25 26 27 28 29 30 4 15 10 31 1 0 5 11 0 2 2 3 2 2.0 MEAN 2 4 3 2 2 1 2 2 1 2 1 2

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - O.D.

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. " --- " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - N	NITRIO	COXID	E - 0	CHEMIL	UMIN	ESCENT				1	JNIFS	- 0.0	DI PAI	RTS/M	[LL[0	4						
	STA	TION	- wc	NO :	29025		BARTON	/WEN	TWORTH	HAM1	LTON					MON	тн - ,	JUN	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2	5	1	1	1	1	1 2	3	3	2	1 2	1	1	1	1	1	2	1	1	1	0	1	2	13	1 8	1 2
3	5	2	2	2	3	8	11	7	2	2	1	o	ó	o	0	ò	o	D	0	0	0	0	5	10	3
4	6	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0		0	0	0	0	0	1	0	0	0	D	0	0	0	0	0	1	1	1	0
6	1	0	0	0	1	1	2	2	3	3	1	1	6	0	0	0	0	0	0	0	0			1	1
7	- 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
8	0	0	0	0	0	3	5	3	1	0		0	0	0	0	2	1	0		2	2	0	0	0	1
9	0	0	0	0	0	0	1	3	3	4	4	2	2	1	2	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	1	્ય	0		0	0	0	0	1	0	1	1	3	3	3	3	3	7	
1.1	17	12	2	1	1	4	4	1	1	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	2
12	C	0	0	0	0	0	0	0	o	0	0	0	0	0	1	2	0	0	0	0	0	0	1	5	0
13	С	0	0	0	0	1	2	4	. 2	3	2	2	5	8	8	14	10	4	6	2	4	7	8	14	4
14	6	4	1	2	6	7	8	12	13	12	11	7	6	2	1	2	4	2	3	0	1	,	5	6	5
15 16	9	3	0	0	1 2	12	17	12		5	4	0		11	1	4	-		3		2	- 2	1	3	4
17	,	- 1		- 1	1	4	10	10	7 2	1	1	1	- 1			- 1		4	- 1	- 1	-	7	9	13	3
18	10	- 1			1	1	2	2	2	2	3	2	9	4		1	,	- 4	- 4	2	1	1	1	1	2
19	1	- 1	- 1		1	,	î	1	- 1	1	ĭ	1	ō	ò	ó	ò	1	i	i i	7	1	1	1	1	ī
20	1	1	i	1	1	1	3	5	4	3	2	1	1	1	ĭ	1	1	1	i	î	i	1	1	1	2
21	1	,	1	1	1	5	8	9	2	1	1	1	0	1	1	1	1	1	1	1	2	5	5	3	2
22		1	2	1	1	4	8	9	4	6	3	2	2	2	1	1	1	1	1	1	4	2	16	16	4
23	17	13	12	9	9	17	6	6	7	4	,	1	1	1	1		1	0	0	3	4	3	10	22	6
24	20	15	15	9	10	9	12	14	8	6	7	4	2	1	1	1	1	1	1	1	1	1	1	1	6
25	1	1.	1	1	1	1	3	2	2	2	1	- 1	2	2	1	1	1	1	2	1	- 1	6	2	1	2
26	21	2	1	1	1	1	1	- 1	1	- 1			3.	1	- 1	1	1	3		1	1	2	2	3	1
27	1	1	1	1	1	8	5 7	5	2	2	5		-	3	6	3	3	2	3	2	2	2	2	2	2
28	21	3	2	- 1	- 1	5				5	1	5	2	3	2	3	3	- 2	1	2	2	2	2	2	2
29 30	2	2	0	,	4	17	12	2	3	2	2	2	- 1		1	4	2	1	1	2	2	1	1	î	3
		50.		U	-	80.	10.000	- 57	0.5		7	- 177		1						-			3	4	2.2
MEAN	41	2	2		2	4	5	4	3	2	2	1	1	1	1	2		1	1	1	2	2	3	4	2.2

FERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PCLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 6 2 020 10 9 11 12 13 14 15 16 17 18 19 20 0 12 2 1 20 9 2 8 15 4 36 22 3 2 23 ...0 0 0 11 43 15 24 3 135657 26 2 2 28 17 1.2 0 16 0 12 1 21 22 23 24 25 26 27 28 14 10 11 0 3 3 5 MEAN 1 ۲ 1 3 6 7 3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

3

3

3

3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

3

3

3

3.0

NOTES 1. "*** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POI	LUTAN		ITRI	C OXI)E - (CHEMI	LUMIN	ESCENT				i,	NITS	- 0.0)1 PAF	RTS/M	LLIO	N						
	15 T 4	TION	wC	NO :	29025		BARTON	N/WEN	TWORTH	HAM1	LTON					MONT	тн - с	CT	77						
HOUR DAY		2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	1 0 2 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 1 0 1 0 1 2 0 0	0 0 0 0 1 0 0 0	1 0 0 0 0 1 1 0 0	1 0 0 0 1 0 0	1011560500	2 0 4 3 11 11 1 1 2 1 0	2 0 4 5 12 9 1 3 0 0	3 0 2 3 4 6 4 1 0	40024333-0	8 0 2 3 1 4 1 0	8 0 0 1 4 1 1 3 1 0	4 0 0 1 1 1 3 1 1	4 0 0 0 1 1 2 1 0	5 0 0 1 1 2 1 2 2 0	6 0 0 2 2 4 2 3 1 1	5 1 0 1 3 2 1 2 1 2	6 0 1 1 1 2 1 4	0 0 0 5 1 2 1 1 5	0 5 0 4 1 1 1 1 2	0 3 0 5 1 1 4 1 1 2	0 2 1 9 1 2 4 1	0 2 1 11 1 4 5	0 1 7 1 4 5 1 0 3	3 1 1 3 3 3 2 2 3
11 12 13 14 15 16 17 18 19	15 2 3 15 0 5 2	7 0 1 4 8 0 0 1	1 0 0 4 5 0 0 0 1 1	1 0 1 1 4 0 0 0 2 1	10 0 0 14 3 0 0 6 1	8 1 8 27 8 0 4 16 5	14 3 17 30 26 0 6 27	21 5 17 48 33 0 7 29 7	8 3 6 16 0 6 30 3	4 3 1 5 9 0 5 7 4	4 2 0 5 4 0 0 3 5 4	5 2 1 5 3 0 0 3 2 1	6 2 1 1 0 0 3 2	5242500451	4 3 9 6 8 0 1 3	4 3 8 5 2 0 1 5 3 2	2 3 7 7 0 0 1 6 9 4	1 2 7 10 2 0 1 5 4	1 2 11 18 1 0 4 11 1 6	1 13 30 0 0 6 19	1 9 32 0 0 4 13 0 3	1 3 11 29 0 0 4 2 5	3 8 24 2 0 6 3 5	1 2 4 16 0 0 5 4 3 4	5 2 6 15 7 0 1 5 8 4
21 22 23 24 25 26 27 28 29 30	3 0 1 3 38 3 13 2 1	1 0 3 5 36 0 8 1	2 2 4 30 0 4 0 1 6	2 0 1 3 37 0 4 0 1 6	0 1 3 31 1 4 1	20183339823	7 1 4 16 50 9 25 25 4	10 1 4 16 50 12 45 23 2	6 2 1 14 51 18 35 12 2	5 1 0 10 46 14 25 3 4 6	2 0 1 9 26 10 7 4 4 3	1 0 1 12 17 3 2 3	1 0 1 12 18 3 3 1	1 0 0 11 18 2 3	100101525313	2 0 1 12 14 3 6 6 1 3	1 0 1 10 9 3 3 4 1	1 0 0 11 11 6 7 1 2 3	3 0 1 7 9 8 3 1 1 2	4 0 1 8 16 10 1 10 2	8 0 0 10 13 4 1 17 4	4 0 4 36 26 11 1 7 5	2 0 5 45 12 10 1 0 5	1 0 3 37 6 15 3 1 7	3 0 2 13 26 6 9 6 2 4
31 MEAN	11	3	5	5	5	9	25	42 13	23	7	3	3	3	2	2	5	8	4	7	17	36 6	11	4	3	10
			7						- 5			-			9	-			7	9				-	4.0

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID . 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANY - NITRIC OXIDE - CHEMILUMINESCENT STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 77 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 8 8 42 37 12 2 2 1 2 3 2 14 15 16 6 4 3 o 22 23 26 27 г, 3.1 4 4 MEAN

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC DXIDE - CHEMILUMINESCENT STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 5 3 2 1 3 · · · · 6 6 0 0 12 13 14 15 16 22 23 24 25 26 27 28 D MEAN

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	T - N	ITRIC	OXIC	E - 0	HEMIL	LUMINE	SCENT				,	NITS	- 0.0)1 PAR	TS/MI	LLIO	N						
	S"A	TION	- с	NO 3	31001	ϵ	7 COL	LLEGE	ST F1	FTH F	LOOR	TORC	OTA			MONT	H - N	MAR	77						
HOUR DAY	,	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6	1 2 1 1 1	1 1 2 0 1	0 1 1 0 1 1 0	0 1 0 0 1 0	0 1 0 0 1 0	0	3	2 3 10 1 1	2 4 23 2 1 0 3	1 3 9 2 1	2 4 2 1	1 2 3 2 2 1 1	1 2 3 2 2 0	1 3 2 3 1	1 1 2 2 2	1 1 2 2 2 1	1 2 3 1 1 1	1 1 2 5 2	1 1 2 4 1	2 2 1	0 2 1 2 1 1 0	D 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 3 1 1 1 1 1 1	0 3 1 1 1 1 1 1	1 2 3 2 1 1
9 10	2	1 1	1	0	0	0	1 2	4 3 7	6	8 4 8	5 3 5	3 3 5	3 2 3	2 2 3	3	3	3 1 3	1 6	2 1 2	2	10	10	5 1 23	7 2 24	3 2 5
11 12 13 14 15 16 17 18 19	29 1 2 12 4 1 0 1 1 c	34 1 3 3 2 0 2 1	42 1 1 1 2 2 0 1 1 2	50 1 1 1 6 0 0 1	43 1 1 5 0 0 1 2	29 1 1 1 4 0 0	19 1 1 1 4 0 0 0 0 1 0	25 2 1 3 8 0 1 0 2	2 1 5 17 1 1 1 3	9 2 2 3 11 1 1 1 2 0	3 2 2 2 6 1 1 2 0	2 2 2 1 3 1 1 2 2 1	1 2 2 1 1 1 2 1 1	1 2 2 1 3 1 1 2 1 1	1 2 1 1 2 1 1 2 1	1 2 1 4 1 1 3 1 2	1 3 2 1 3 1 2 3 1	1 4 2 1 1 1 2 2 1 1	1 4 10 1 1 1 2 2 1 1	1 6 7 2 1 1 5 1	1 7 2 2 1 1 4 1 0 0	1 4 1 2 1 0 2 1 1 0	3 3 2 1 1 2 1 0 0	1 3 11 5 1 0 2 1 0 0	13 2 3 2 4 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 1 1 2 4 1 2	0 1 0 0 1 1 2 2 3 0	0 0 0 0 0 1 1 0 2 10	0 0 0 0 0 4 1 2 14	0 0 0 0 0 11 2 2 3	1 0 1 1 1 1 0 2 2 5	4 1 3 1 2 1 7 4 6 7	5 2 4 1 3 3 3 6 7 6	6 3 1 3 3 2 6 6 2	4 3 3 1 2 4 2 4 6 3	3 2 1 3 3 2 4 4 5	2 3 2 2 2 3 2 3	2 1 1 2 1 2 3 2 2	2 2 1 1 2 2 2 1 1	3 2 1 1 2 2 1 3 1 1	2 2 2 2 2 1 3 2 1	5 1 1 2 2 1 5	5 1 1 2 3 1 4 1 1	4 1 4 1 1	3 1 1 1 2 1 2 0	3 1 0 1 1 1 2 1 1	1 1 2 1 1 2 1	3 1 0 1 1 2 3 2 2	3 1 1 1 1 2 3 3 3 2 3
31 Mean	3	0 2	2	3	3	1	2	1	4	3	3	2	1	1	1	1	2	1	2	2	2	1	2	3	2.3

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTAN	T - 1	NITRI	g oxig	E - 0	HEMIL	.UMINE	ESCEN'	r				INITS	٠ ٥.	01 PAF	RTS/M	LLION	4						
	STA	TION	- с	NO :	31001	ϵ	7 COL	LEGE	ST F	(FTH	FLOOR	TORG	OTAC			MONT	t u - y	PR	77						
HOUR	ĭ	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	í	ř.	1	1	3.	1	1	3	3	4	4	3	3	3	4	4	4	6	2	2	1	1	1	1	2
2	î	1	1	1	1	0	0	1	1	1	2	2	3	3	3	7	В	3	9	12	14	10	1	1	4
3	Ŷ	- 1	1	0	0	Ω	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	2	3	1
4	2	2	1	0	O	0	1	1	2	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	- 1	1	2	1	- 1	2	2	2	1	2	1	1	- 1	1	2	1	1	1	0	0	0	0	1
6	- 1	ò	o	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
7	Ċ	o	0	0	0	1	2	3	2	2	2	2	2	3			2	3	2	3	4	1	0	1	2
в	ĭ	1	,	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
9	,	1	o	1	1	1	1	1	1	1	1	1	•	1	-1	1	1	1	0	0	1	3	3	6	- 1
10	5	6	2	5	12	5	2	2	2	2	2	2		-1	1	1	2	2	1	1	1	1	1	1	3
	-	H-0	•		-																				74.
-1.1	1	0	1	0	11	2	5	8	21	15	10	7	5	3	2	1	1	1	1	0	0	0	. 1	. 1	4
12	1	0	0	0	0	0	0	1	3	6	5	3	2	1	2	3	8	2	8	2	5	17	25	24	5
13	25	31	17	4	3	1	3	2	2	1	1	1	2	1	1	0	1	1	1	1	1	1	0	1	4
14	1	a	0	0	ō	-1	1	1	2	1	1	1	1	1.	1	1	2	3	4	2	3	3	3	3	2
15	2	2	1	0	0	19	3	12	3	3	3	4	3	2	3	5	1	1	1	1	1	1		2	2
16		1		1	1	- 1	1	1	1	3	2	2	2	2	1	1	1	1	1		3	5	2	3	2
17	5	8	10	3	î	- 1	4	1	1	1	1	1	1	1	1	2	1	2	4	8	6	9	18	32	5
18	40	36	28	17	16	13	12	14	30	33	11	14	12	4	3	2	1	1	3	7	18	15	9	12	15 6 7
19	10	9	11	9	12	18	23	23	12	3	1	2	2	1	2	1	3	3	1	1	,	1	1	1	6
20	3	13	12	19	7	9	11	15	23	14	12	8	4	3	2	2	1	1	1	0	0	3	4	2	7
	000	1.0																					-		- 4
21	_1	0	0	0	1	2	4	12	8	5	6	5	2	3	3		6	16	5	7	16	11	4	7	5
22	15	o	ō	0	0	0	1	2	3	3	4	5	6	7	8	5	4	3	4	4	4	2	2	2	3
23	i i	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2
24	3	2	1	1	0	0	1	1	1	1	1.	1	1	2	2	1	1	2	2	2	1	1	6	7	1
25	1	0	0	0	1	1	2	3	3	2	3	3	2	4	3	2	2	2	3	2	3	3	6		2
26	5	8	0	1	3	5	7	8	3	2	1	1	2	1	2	2	2	2	1	3	7	3	2	2	3
27	î	2	4	3	2	3	9	5	5	5	5	0	3	2	2	1	1	1	1	1	0	0	0	1	2
28	2	1	1	1	1	1	1	1	1	0	1	1	2	- 1	1	2	2	1	1	1	1	1	1	2	1
29	1	1	1	1	1	1	3	7	5	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2
30	5	5	2	3	2	5	4	3	4	5	4	3	2	1	1	1	1	1	1	1	0	1	4.	1	2
MEAN	4	4	3	2	2	3	3	5	5	4	3	3	2	2	2	2	2	2	2	2	3	3	3	4	3.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. -- INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PCLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL HOUR 9 10 11 12 13 24 MEAN 0 2 0 Ö 2 0 ō 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 O

PERCENTAGE OF DATA VALID - 99.9

MEAN

PERCENTAGE OF DATA INVALID . 0.1

3 2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1.6

2 2 2 5

NOTES 1, ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

FOLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS . O. O1 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 77 1.1 DAY 6 2 3 3 3 12 13 14 15 16 17 18 19 20 0 0 0 0 1 5 7 2 22 23 24 25 26 27 28 1.9 MEAN

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 77 HCUR DAY 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 2 4 4 3 2 0 12 13 14 15 16 17 18 19 20 000-0 4 7 4 5 4 5 2 1 22 23 24 25 29 30 MEAN 2.8

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE 10 INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 77 5 6 7 8 9 10 11 12 HOUR 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 3 2 2 2 1 1 20 2 4 3 5 1 ' 9 9 5 6 5 9 5 4 14 26 7 7 4 27 12 13 14 15 16 17 18 5 32 6 6 12 12 6 12 7 7 2 1 10 7 4 2 8 6 2 4 2 2 2 2 2 MEAN 3.6

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " ---- INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	ST	NOITA	- c	NO :	31105		HYDRO	55 5	SHERBO	URNE,	WILTO	N ST	TORON	TO		MON	тн -	SEP	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
1		1.00	373		,								5	В	8	6	7	5	8	5	3	4	7	10	
2	6	5	6	7	5	6		15	1.4	13	41	13	10	7	9	9	7	5	6	5	10	14	1.1	15	10
3	15	6	3	3	3	3	4	6				3	3	3	9	2	2	2	2	2	2	3	2	4	4
4	4	3	2	1	1	3	4	2	5 2	4 2	3 2	3	3	1	2	2	2	2	2	3	3	3	4	5	3
5	4	4	3	3	3	3	4	7	6	4	3	3	2	2	- 7	- 7	2	- 5	2	1		1	,	,	3
6	1	1	1	1	1	5	23	24	21	8	18	14	11	26	11	6	4	3	2	2	- 1	2	3	3	8
7	3	2	2	2	3	5	41	39	12	8	20	16	9	7	6	6	5	6	3	2	2	2	2	2	9
8	1	•	1	2	2	5	1.3	11	6	4	4	4	5	e,	5	5	5	2	2	2	2	2	4	3	4
9	3	3	Δ	8	8	10	7	5	5	3	3	3		5	3	3	3	3		3	3	2 2 3 3	3	3	4
10	2	1	1	1	1	2	3	4	3	2	1	1	1	ĭ	1	5	1	1	1	1	1	1	1	1	1
1.1	2	2	1	,	1	10	- 1	2	2	,	3	10	4	1	2	1	2	2	2	5	11	1.7	10	7	3
12	В	5	5	6	1.1	1.8	1.4	21		15	1.1	5	8	5	5	5	4	2	2	3	3	4	4	3	į,
13	8 2 4	5 2	1	1	2	4	8	1.1	6	6	4	5	6	5		В	5	2	2 2 3	5 3 2	3	3	4	5	a
14	4	2	2	2	1	1	4	Б	3	2	2	3	2	2	3	2	3	2	4	4	4	6	10	11	4
15	8	4	2	2	3	E	23	22	10	7	8	6			4	3	3	2	-	2	2	6	2	2	G.
16	2	1	2	1	2	6	10	10	12	12	10	11		11	1.1	14		16	27	17	16	15	16	17	11
1.7	18	14	10	6	3	6		11	6	4	4	2	2	2		2	21	2	2,	2	2	4	4	20	6
18	17	12	10	5	3	3	3	2	3	3	4	4	5	6		4	4	5	7	7			12	20 15	7
19	16	13	4	3	3	4	9	9	11	8	9		5	5	6	7	4	3	27 2 7 2	7 2	2	13	2	2	é
20	1	1	1	1	2	3	9 3 9 5	4	5	4	• • • •	6		7	9	8	3	4	4	3	11 2 2	13	1	í	4
21	2	2	2	3	2	4	3.3	12	9	9	8	7		6	8	9	7	5	6	6	5	5	5	4	6
22	4	3	2	2	3	5	13 B	1.1	14	14	1.1	9	В	7	1.1	1.1	10	4	4	4	8	24	7	3	8
23	1	1	0	0				В	7	5	6		5	5	1 i 6	5	5	3	2	2	2	2	2	3	4
24	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	2	2	4	5	5	3	2	3	3	2	2	2	2	3	4	4	Δ	4	3	3
26	1	1	1	1	1	2	5	9	6	6		3	3	1	2	2	2	2	3 7	6	6	2	2	2	3
27	1	1	1	1	2	3	1.1	1.4	10	6	4	4	4	6		9	6	4	3	3	3	3	3	3	5
28	3	3	2	3.	3	2	7	8	6	5	4	3		3		5	4	3	3	3	2	4 2 3 3	5	6	4
29	3	3	2	3	2	3	6	13	1.4	10		8	8	5		10	В	6	10	10	8	8	9	8	7
30	9	6	3	3	5	10	12	18	16	16	14	9		5	10	14	12	9	9	12	6	6	5	6	9
MEAN	5	4	3	2	3	5	9	1.1	8	6	8	6	5	5	5	5	5	4	4	4	4	5	5	6	5 2

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTA	NT .	NITRI	c oxi	DE -	CHEMI	LUMIN	ESCEN	T				UNITS	- 0	01 PA	RTS/M	ILLIO	N						
	ST	ATION	- ε	NO	31105		HYDRO	55 S	HERBO	URNE/	WILTO	N ST.	TORON	TO		MON	тн -	OCT	77						
HOUR DAY	Ī	2	3	4	5	6	.7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	2	1	1	1	1	2	4	3	4	4	4	3	3	3	2	3	3	4	3	4	6	2	2 6	3
2	2	2	1	. 1	1	2	2	2	3	4		3	3		3	3	4		5	9	В		3	3	3
3	3	3	2	3	3	5	6	12	10	7	6	# 010000		4	4	4		2	2	2	3	3			4
4	2	1	1	1	1	2	4	8	7	4	3	3	3	2	2	3	3	2	3	4	6	12	16	13	4
5	9	6	4	3	4	7	11	23	18	14	14	11	10	4	5	6	9	9	8	7	5	4	7	8	9
6	5	4	4	2	2	2	10	15	8	5		3	3	3	3	3	4	3	3	3	2	3	4	4	4
7	4	4	2	2	2	4	В	8	9	5	6	7	7	7	6	5	4	3	3	4	2	3	3	3	5
ε	2	2	2	1	2	2	4	4	4	4	3	4	4	3	4	2	2	2	2	2	2	2	2	2	3
9	1	•	5	2	ī	2	3	3	3	2	3	4	4	3	4	5	3	2	4	5	3	4	2	4	3
10	2	1	ĩ	î	1	1	1	2	2	2	2	2	1	2	2	2	2	4	10	12	8	8	9	11	4
11	7	11	2	2	3	5	12	12	9	9	9	8	7	9	4	4	3	2	3	4	5	5	5	2	6
12	2	1	1	1	1	3	9	1.1	8	6	5	4	4	5	5	6	5	4	7	6	3	3	5	5	5
13	4	4	3	4	5	11	17	22	23	12	9		6		9	12	11	9	В	6	5	4	4	6	9
14	5	5	7	10	1.1	14	23	34	38	26			В	8	7	7	6	4	6	5	6	8	10	В	12
15	10	8	6	7	8	12	21	20	17	13	8	5	4	2	2	3	3	5	1.1	1.1	3	3	4	3	8
16	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	2
17	1	2	2	2	2	2	3	5	5	4												1.6	15	16	
18	12	14	21	16	17	20	33	26	11	9	9			12	15	13	41.1	9	8	В	10	12	21	30	15
19	29	23	18	15	16	21	30	41	36	17	15	12	1.1	10	1.1	17	20	7	6	6	4	4	4	4	16
20	2	2	1	1	2	4	9	15	14	8	7	5	5	4	5	6	В	9	14	13	5	3	7	10	7
21	1.1	8	10	В	9	13	20	23	23	12	8	6	6	5	4	3	4	3	3	12	10	4	4	3	9
22	2	2	2	1	2	3	3	3	3	3	2	2	2	1	2	2	2	3	3	4	3	2	3	2	2
23	3	2	2	4	4	3	. 1	1	1	1	2	1	1	1	. 1	. 1	_ 1	11	. 1		2	8	1.1	9	3
24	6	2	1	3	7	11	22	33																	
25												0	DATA	INVAL	ID -										
25 26										15	10	7	5	8	14	15	1.1	17	18	19	9	5	1.1	18	
27	21	9	9	1.4	9	15	27	41	33	24	24	12	10	-	10	14	13	7	8	25	19	4	4	2	15
28	2	2		2	2	4	9	14		8	-4	3	9	7	9	6	5	10	20	14	7	4	5	7	7
29		5		3	2	2	6	10	11	2	4	2	3	3	3	3	1	1	3		14	20	19	19	
30	15	10	2	5	4	3	5	5	4	í	ī	î	2	1	2	2	2	2	4	5	4	4	4	3	7
31	2	2	1	2	2	2	7	12	10		6	7	7	4	4	5	5	5	6	4	3	4	3	3	5
MEAN	6	5	4	4	4	6	1.1	14	12	8	7	5	5	5	5	6	5	5	6	7	6	6	7	7	6.5

PERCENTAGE OF DATA VALID + 90.6 PERCENTAGE OF DATA INVALID - 9.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT MONTH - JAN 77 STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH 24 MEAN 16 17 18 19 20 9 10 11 12 HOUR 6 8 66 6 9 64 48 2 65 56 4 32 3 27 4 63 49 29 57 19 38 8 40 2 37 0 34 4 57 86 89 9 85 78 31 16 11 23 24 19 22 1 48 60 35 8 14 32 45 40 13 34 21 40 16 17 11 2 19 4 51 31 23 26 2 31 40 4 6 14 12 14 16 14 69 17 1 27 11 43 3 11 20 45 3 0 2 55 60 34 12 13 14 15 16 17 18 19 20 3 44 14 3 36 9 12 80 1 0 30 24 43 3 49 6 1 4 22 5 27 10 27 28 2 30 2 2 1 2 11 2 29 3 0 7 8 2 0 2 43 42 6 29 2 34 2 28 3 25 2 12 7 10 16 46 50 21 29 10 32 2 27 2 30 7 30 13 39 22 28 2 52 33 22 12 11 32 4 7 26 2 8 16 1 2 12 19 5 21 2 22 6 5 27 6 4 32 5 8 41 13 2 12 19 0 8 7 23 18 9 11 6 22 23 24 25 26 27 28 29 30 4 5 4 5 37 4 8 13.2 MEAN

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. " - " INDICATES DATA IS UNAVAILABLE

3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION PHARMACY AND 401, SCARBOROUGH STATION - C NO 33002 MONTH - FEB 77 24 MEAN DAY 6 19 26 20 64 3 7 22 26 24 63 2 29 56 18 22 56 37 23 21 72 3 3 37 15 26 12 23 39 20 5 16 17 24 12 25 7 17 6 34 16 22 7 27 12 18 32 2 2 15 27 4 22 40 25 11 24 10 2 51 38 5 8 0 13 6 72 10 12 13 14 15 16 17 31 27 22 4 4 23 34 3 4 49 41 5 25 28 3 4 25 22 2 5 30 15 22 2 54 41 3 34 13 2 30 2 3 28 3 3 24 5 40 20 3 33 5 74 38 4 24 70 67 4 30 13 45 2 3 21 2 32 19 36 19 18 10 24 31 29 24 8 19 22 23 24 25 26 38 63 42 5 48 20 3 3 63 22 10 2 6 2 0 2 0 12 33 1.1 MEAN 13.5

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAFLY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	ST	TION	- с	NO :	33002	U	PHARM	ACY A	ND 401	. Sc	ARBOR	OUGH				MON	TH - M	MAR	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1.	3	5	5	2	0	1	1	4	40	35	25	18	20	16	19	16	22	21	16	1	0	0	0	0	11
2	3	2	0	0	0	0	0	5	12	8	2	7	13		1.2	15	4	0	0	1	1	2	1	1	4
3	3 6	6	6	3	5	11	20	34	28	13	4		1	1	1	2	6	4	1	1	2	1	0	0	7
4	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	0	1	0	0	0	C	1	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	9	38	36	33	27		32	40	49	51	48	42	21	13	1.1	1	20
8	1	1	1	1	1	1	1	4	9	2	1	0	0	0	0	0	0	0	0	1	3	3	5	2	1
9	2	2	1	0	0	0	0	4	6	4	2		1	. 1	1	1	1	1	1	1	0	0	0	0	1
10	3	1	4	10	5	1	8	15	18	10	2	2	••••	1	1	1	1	1	12	24	44	101	174	188	27
11	103	57	42	26	27	36	62	147	40	В	9	1	4	2	2	4	1	0	0	0	6	0	1.1	23	25
1.2	1	0	0	1	O	0	2	27	4	1	1	1	2	2	3	1	1	1	3	6	62	50	3	2	7
13	10	2	2	1	1	2	1	1	2	3	2	2	1	1	1	1	1	4	3	9	10	13	9	26	5
14	32	12	1.1	8	7	10	28	74	66	50	34	29	28	30	33	34	40	41	45	48	45	47	43	48	35
1.5	37	22	1.1	7	6	16	56	116	74	8		2	1	1	0	0	0	1	0	0	0	0	0	0	16
16	2	10	8	1	2	3	1.1	33	36	29	18	1.1	13	10	20	24	26	38	33	26	18	15	19	19	18
17	14	8	4	2	2	4	1.1	38	43	32	30	27	22	25	30	38	57	63	55	54	52	44	51	43	31
18	27	17	5	3	0	0	0	0	0	5	8	12	15	17	21	28	28	24	20	18	16	13	13	19	13
19	31	26	18	12	8	9	24	28	29	37	40	36	25	15	16	19	13	1	4	5	4	1	1	3	17
20	7	18	63	37	13	6	0	0	0	0	0	0	0	0	0	9	29	16	12	1.1	10	15	16	8	1.1
2 1	1	0	O	0	0	0	3	8	5	4	1	0	0	O	0	0	6	67	61	44	32	27	26	23	1.3
22	15	7	3	3	2	2	10	38	40	26	27	24	24	22	22	21	24	24	20	15	1.4	12	15	14	18
23	10	3	2	1	2	2	16	57	73	39	40	46	42	28	27	23	8	10	35	36	22	15	13	16	16
	8	2		1	0		8	25	26	20	22	20	16	18	18	21	26	31	27	25	22	19	16	12	16
25 26	10	6	3	1	1 2	9	8	33	41	35	33	35	33	33	28	35	37	40	44	38	29	25	23	22	25 25 8
27	16	12	17	19	36	37	23	26 25	26	34	32	31	27	21	24	28	37	45	59	45	37	44	21	6	25
28	ó	0	4	19	6	1	29		3	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2
29	0	1		,	1	o	o.	3	3		2	4	5	3						3	0			48	4
30	35	10	3 26	26	27	17	68	0 89	15	2	- 2	1	2		2	2	2	2	20	2	2	2	18	12	20
		10	26	26	27	1.2	68	89	15	1	1	-1	2	1556	2	3	3	3	20	25	23	23	18	12	
31	3	16	7	4	12	9	16	43	35	28	23	25	••••	22	25	31	39	35	39	40	39	35	30	30	25
MEAN	12	8	8	6	5	6	13	28	22	15	13	12	11	10	11	13	15	17	18	17	17	1.7	17	18	13.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION 574110N · C NO 33002 PHARMACY AND 401, SCARBOROUGH MONTH - APR 77 9 10 14 15 16 24 MEAN 0 2 0 0 2 10 13 0 0 0 0 3 1 0 2 0 1 37 10 5 11 0 5 0 27 1 11 20 2 0 8 0 0 24 1 15 12 2 1 15 2 35 0 2 5 20 10 24 0 5 24 0 0 25 4 19 12 0 3 27 0 0 28 3 24 21 0 17 16 16 13 16 7 3 23 0 0 28 1 20 10 0 0 0 18 0 18 14 2 0 0 15 0 17 10 0 0 0 0 17 6 0 16 14 4 7 12 4 12 13 14 15 16 17 18 19 28 7 9 10 21 29 38 11 4 9 6 13 32 39 21 4 9 18 12 4 13 6 30 49 23 8 47 45 40 50 39 43 46 33 0 39 18 55 39 4 32 35 18 0 61 3 19 2 27 30 6 0 17 0 68 18 28 32 19 19 22 19 17 12 14 22 18 13 6 4 24 22 3 27 42 40 9 50 50 72 36 9 76 66 22 22 41 46 46 3 7 18 26 27 48 58 18 48 21 41 39 37 17 23 21 36 56 17 43 4 12 8 4 18 27 18 31 44 12 39 12 17 17 27 28 13 27 22 23 38 59 9 33 6 28 34 0 33 7 0 4 0 ...0 31 23 28 19 22 23 24 25 25 27 28 29 13 6 59 5 14 42 76 6 31 16 37 1 3 24 13 4 4 27 19 12 1 3 29 11 5 29 12 0 3 10 11 2 16 7 1 4 5 28 2 9 6 22 9 52 4 16 34 56 7 7 33 11 34 2 5 27 23 21 25 23 4 8 0 24 28 15 12 25 11 16 0 33 8 1 17 19 19 12 12 9 31 26 20 0 0 31 19 46 29 28 9 0 34 23 35 33 27 11 0 41 16 0 27 32 23 1 0 0 35 20 24 29 27 0 1 0 32 27 0 26 36 29 2 1 0 25 32 24 29 28 3 7 0 24 44 0 17 16 22 6 11 0 27 9 13 17 14 16 15 0 26 5 MEAN 14.2

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID . 2.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "- " INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - JUL 77 HOUR 24 MEAN DAY 0 19 5 4 10 27 21 49 0 15 12 10 16 17 19 28 1 3 13 28 31 18 1 3 34 13 32 7 5 11 2 28 21 2 30 19 19 21 18 45 12 18 36 55 29 2 18 15 20 24 18 5 31 2 5 4 2 10 2 5 9 9 35 24 2 9 29 19 4 24 22 13 14 15 16 17 18 47 2 29 39 3 26 4 22 2 1 7 3 23 2 10 25 25 4 3 5 31 0 DATA 34 2 31 0 22 23 24 25 26 27 32 31 0 35 26 27 22 INVALID 27 0 27 4 27 29 0 24 13 12 34 17 59 42 67 28 6 8 18 MEAN 1.1

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 8.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. **** INDICATES INVALED DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - AUG 77 HOUR 8 9 10 11 10 9 67 23 43 21 25 14 69 21 36 23 6 39 27 2 15 50 41 16 21 121 110 8 6 7 8 9 6 30 10 25 14 56 4 28 2 9 21 5 91 14 59 12 13 14 15 16 17 18 19 20 116 6 13 23 3 65 5 40 41 22 3 66 70 56 25 65 43 8 6 16 115 117 82 54 58 3 37 2 11 25 9 8 19 75 91 64 56 30 49 23 47 53 56 25 42 49 101 79 75 32 71 43 6 47 77 16 52 66 0 88 9 76 86 11 45 77 70 12 48 95 3 49 79 45 2 85 39 61 91 43 80 53 44 78 42 4 28 4 10 13 24 17 6 15 69 79 13 125 43 61 37 54 35 18 41 27 16 43 42 49 30 25 21 11 28 14 58 54 35 27 55 53 25 93 112 138 41 22 23 24 25 26 27 28 29 30 5 54 71 54 116 42 53 53 90 31 66 57 58 69 42 63 31 77 61 45 86 36 70 5 38 70 15 26 1 5 43 56 42 25 10 24 24 54 71 61 55 77 15 53 61 66 79 23 27 24 32 49 75 70 67 76 69 71 28 4 37 39 MEAN 1.1 25.1

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE

PERCENTAGE OF DATA INVALID - 4.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3, ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	STA	T; ON	- c	NO	33002	F	HARMA	CY AN	D 401	ı. sc	ARBOR	ROUGH				MON'	TH - N	OV	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	0	0	0	0	0	0	2	4	2	1	.10			1	1	0	1	3	3	2	2	4	1	1	1
2	0	2	2	1	0	1	2	10	8	3	1	1			1	2	4	4	4	3	3	2	2	3	3
3	2	2	2	3	12	3	4	7	6	4	3	3	2	2	2	3	5	6	8	12	12	48	22	11	8
4	1.1	18	36	28	21	18	13	73	72	39	35	34	33	36		39	44	41	40	37	33	38	24	21	34
5	16	12	8	5	4	5	14	22	13	1.2	3	5	2	2	6	19	29	4	0	2	1	1	3	5	8
6	10	6	2	0	1	1	2	9	10	7	8	7	18	24	35	4	3	8	33	12	17	9	8	1	10
7	1	1	1	1	0	3	2	4	3	4	3	2	2	2	1	1	1	1	1.	1	0	O	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	1		1	- 1	2	1	1	2	1	2	2	3	1
9	14	8	1	1	0	0	1	2	3	2	- 1	1	1		1	2	2	3	1	1	1	1	1	1	2
10	1	1	1	1.:	1	1	1	2	2	3	27	28	2	1	ž	1	2	2	2	2	2	2	1	0	4
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	6	15	1
12	17	13	8	4	3	3	10	18	22	19	23	24	25		24	24	25	22	21	20 46	21	17	14	22	1.8
13	27	24	12	5	3	2	4	1.1	9	10	13	18	24	22	24	30	36	41	48	46	45	41	44	38	24
14	25	13	6	7	7	2	2	6	9	13	7		3		1	1	2	4	6	10	5	4	4	4	6
15	4	3	1	- 1	1	2	4	9	16	1.1	2	2	2	3	4	5	2	2	1	1	1	4	1	1	3
16	0	0	0	0	0	0	2	3	1	0	0	1	1	1	1	2	3	4	4	3	3	3	5	11	2
17	36	23	15	8	11	14	17	1.1	12	8	34	19	• • • •	7	1	1	28	24	22	4	1.1	3	3	2	14
18	2	2	1	0	0	0	2 7	5	5	2	1	1	1	2	10	4	3	5	9	3	2	2	1	2	3
19	3	1	0	0	0	2	7	5	5	17	21	18	25		27	30	29	31	36	43	26	23	36	45	19
20	45	34	27	9	7	4	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
21	0	0	0	0	O	0	0	1	4	4	3	••••	13		5	6	3	3	2	3	1	1.	2	4	3
22	1	2	1	0	0	0	1	5	8	4	18	24	31	17	1	37	29	38	59	53	12	46	21	37	19 6 3
23	27	19	12	7	9	15	8	10	0	0	0		O		0		3	2	2	2	4	4	4	3	6
24	2	2	2	1	1	1	3	7	6	5	5		2		2	3	3	2	2	2	4	В	4	1	3
25	9	10	6	9	В	12	3	5	11	0	0		0			1	1	1	1	1	1	2	11	10	4
26	3	4	2	6	4	2	3	8	11	1.1	12		14		16	16	16	16	16	15	14	8	7	14	10
27	15	17	14	1.1	5	1	2	7	1 1	8	10		8		1	1	6	3	. 1	0	0	0	0	0	5 8
23 24 25 26 27 28	0	0	1	4	5	9	27	40	35	18	9		4	3		7	3	3	5	4	2	2	2	2	8
29	2	1	1	2	2	4	10	В	14	22	26		7	8	4	6	7	10	15	18	12	27	55 3	55 3	13
30	45	36	26	19	10	22	40	73	73	45	24	21	26	9	17	32	3	3	2	2	2	2	3	3	22
MEAN	1.1	8	6	4	4	4	6	12	12	9	10	9	9	9	7	10	10	10	12	10	8	10	10	10	8.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "..." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	I.UTAN	r -)	NITRIO	0×10)E - (CHEMIL	UMINE	SCENT					UNITS	· a.	01 PA	RTS/MI	LLION							
	STA	"ION	. с	NO ;	33002	,	PHARMA	CY AN	D 401	. sc	ARBOR	DUGH				MON	тн - с	DEC	77						
HOUR	•	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	2	3	2	1	1	1	35	2	2	3	4	4	3	2	4	4	3	3	1	1	0	0	0	0	2
2	0	0	0	0	0	0	O	0	0	1	0	0	0	0	O	0	0	1	1	2	1	1	0	0	0
3	0	0	0	0	1	3	8	14	17	22	19	22	27	25	25	26	27	25	4	4	24	18	. 7	1	13
4	3	2	0	0	0	0	0	0	0	0	1	3	11	14	25	23	35	34	37	42	41	47	43	40	17
5	26	1.1	7	4	3	5	19	41	49	35	26	27	23	19		10	10	7	7	7	6	6	6	16	16
6	4	2	2	2	2	3	9	17	19	20	19	20	21	24	27	32	39	35	31	27	19	18	17		
7	12	6	4	3	3	6	25	42	40	40	34	34	33	27	30	34	36	37	42	29	37	17	27	18	26
8	43	43	31	26	21	23	48	80	77	53	54	10	4	2	2	2	2	1	0	0	0	0	0	21	22
9	0	0	0	0	0	1	1	2	2	2	1		••••	1	0	. 1	6	18	15	1.7	17	17	17	36	31
10	18	16	13	6	5	8	20	28	29	30	24	29	31	29	34	40	43	51	56	61	62	37	29	36	31
11	58	37	40	25	14	6	9	18	22	24	23	26	31	36	32	38	42	50	50	50	57	63	64	57 44	36
12	31	23	14	1.1	10	17	30	15	4	3	2	3	2	• • • •	19	18	39	71	31	30	16	8	5		19
13	42	11	5	18	15	4	13	16	25	21	24	32	47	22	3	4	5	5	4	4	3	3	2	2	14
14	3	3	6	9	5	26	45	80	71	71	76	67	58	54	50	50	47	40	33	35	30	24	29	28	39
15	16	15	12	7	5	12	34	62	67	29	46	60	40	38	31	31	12	12	16	17	12	5	В	6	25
16	4	2	2	2	2	2	4	9	11	23	69	62	15	12		9	7	5	4	6	7	7	4	4 5	12
17	1.1	4	3	3	3	2	1	2	2	2	2	3	2	2	3	2	3	14	16	3	5	2	2	0	4
18	10	В	9	2	1	0	0	0	0	0	0	0	0	0	0	0	0	a	0	0	0	0	0		
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1	2	0
20	1	1	1	1	1	1	1	1	1	1	1	1	1	-1	1		1	2	2	4	3	2	2	2	1
21	2	2	3	3	2	2	3	21	58	49	44	42	39	• • • •	24	36	44	41	44	44	9	6	5	5	23
22	4	2	2	3	3	3	4	5	7	6	6	5	6	5	6	5	5	5	3	2	2	2	2	2	4
23	1	2	1	1	1	1	1	2	3	3	3	3	2	2	1	1	2	3	3	3	3	4	4	6	2
24	10	10	9	7	5	5	7	8	7	8	5	5	5	4	4	4	3	2	4	1		1		i	5 2
25	1	1	1	1	1	1	1	1	1	1	1	,	4	8	12	6	1	1	,	1	1.	1	2	2	
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	7	- 1
27	1	1	1	1	1	2	2	2	3	2	2	1	3	6	10		10	35	43	37	39	45	18	2	11
28	4	2	2	2	2	2	3	5	8	3	2	2		1	1	1	1	2	1	1	2	2	4	4	4
29	1	2	3	2	2	2	4	5	10	9	5	3	2	2		2	3	4	7	8	7	4	56	44	39
30	5	26	25	25	14	12	32	53	49	37	49	48	51	• • • •	57	58	62	55	51	41	16	42	56	44	39
31	45	38	22	14	10	6	10	16	20	27	34	31	29	30	32	31	26	24	30	35	37	33	20	17	26
MEAN	12	9	7	6	4	5	1.1	18	20	17	19	18	17	13	16	16	17	19	17	17	15	14	12	12	13.6

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT MONTH - MAY 77 LAWRENCE/KENNEDY SCARBOROUGH STATION - C NO 33003 9 10 11 22 23 24 MEAN 16 17 18 HOUR DAY DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVALLABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVALLABLE - DATA UNAVAILABLE 12 13 14 15 16 - DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
DATA UNAVAILABLE DATA UNAVAILABLE
DATA UNAVAILABLE
2
3 3 4 2 2 2 3 22 23 24 25 26 27 3 2 3 5 2 2 3 4 5 2 3 3 3 2 2 4 7 2 7 7 2 2 6 9 4 3 10 3 4 7 3 4 8 4 3 7 3 2 10 2 29 30 3.8 MEAN PERCENTAGE OF DATA UNAVAILABLE - 59.9 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA VALID - 39.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. " --- INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

PO_LUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 77 24 MEAN HOUR 14 9 4 2 2 3 2 5 3 4 3 4 6 4 3 2 10 7 5 3 4 11 16 3 3 7 2 2 10 2 5 4 2 3 1 2 1 2 2 2 12 13 14 15 16 17 18 19 20 4 5 2 8 6 2 4 1 3 2 3 6 2 3 6 2 5 3 3 5 3 3 1 4 B 22 23 24 25 10 2 2 4 3 4 2 3 2 3 11 4 4 3 18 2 9 5 3 3 27 28 16 2 4 10 2 3 2 3 2 2 2 3.9 MEAN

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 1.7

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT MONTH - SEP 77 STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH 8 9 10 24 MEAN HOUR DAY 1.1 13 14 16 17 19 4 10 4 6 2 3 3 1 2 3 3 10 4 2 2 2 2 3 3 3 19 4 2 3 4 21 7 6 5 4 2 23 2 2 14 1 22 14 4 1 6 3 6 8 8 2 3 12 13 14 15 16 17 18 19 20 9 2 2 12 8 9 2 10 1 7 3 2 8 3 7 2 18 2 7 11 2 2 10 2 3 2 3 2 3 3 1 2 1 3 2 2 3 10 7 7 5 2 1 3 4 6 6 10 11 22 23 24 25 26 27 28 29 30 7 0 1 2 3 4 14 0 0 2 2 5 6 5 14 9 10 0 2 8 14 5 0 2 3 ...0 2 B 3 3 5 3 7 6 5 10 11 7 11 10 15 7 10 6 4.8 MEAN

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. " **** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT STATION - C NO 33003 HOUR 9 10 13 14 24 MEAN 8 6 24 6 13 3 5 3 5 5 6 2 4 10 2 5 7 2 21 5 13 3 11 2 5 7 27 3 15 4 16 4 15 2 3 5 1 4 7 6 14 7 2 3 5 5 454. 7 4 10 2 6 6 10 17 5 10 4 10 2 6 8 24 11 5 21 3 13 2 3 5 7 5 1 12 4 4 2 10 3 8 5 10 6 3 2 12 20 24 5 3 4 11 28 25 4 3 4 3 11 2 4 5 26 8 3 2 4 7 3 6 2 10 33 3 1 16 12 6 6 13 11 2 6 6 10 12 13 14 15 16 17 18 19 20 12 4 20 10 22 8 24 11 13 24 25 1 6 17 18 24 6 7 3 2 6 2 5 2 1 1 3 11 18 1 9 8 6 23 23 6 10 29 2 2 9 4 7 6 14 31 1 2 15 2 7 7 9 41 2 3 9 10 2 26 6 10 26 2 18 2 17 2 9 10 12 11 4 1 2 6 9 9 12 3 24 28 5 36 11 15 2 5 2 1 17 8 20 7 4 4 7 5 4 15 21 14 28 12 6 22 5 19 3 6 30 10 22 23 24 25 26 27 28 2 5 9 7 25 29 31 13 11 66 44 45 19 5 6 15 15 13 7 4 5 41 29 24 9 0 8 66 49 35 21 0 8 22 23 31 7 3 5 1 2 8 6 7 0 2 2 8 5 12 10 22 4 7 24 6 2 10 12 5 6 10 10 2 9 9 2 2 5 10 1 2 MEAN

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 3.2

- 2. " INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JAN 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 16 16 17

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

 NOTES 1. "*** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

MEAN

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - FEB 77 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR DAY 2 3 4 5 6 7 8 9 11 2 9 12 13 14 15 16 17 18 19 20 22 23 24 26 27 28 1.9 MEAN

PERCENTAGE OF DATA UNAVAILABLE - 0.0 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA VALID - 97.5

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "**** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

	STA	T ON	- C	NO 3	34002	5	C CTR	770	DON	MILLS	RD.	NORTH	YORK			MON	TH - N	AR	77						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
7.0	0	0	0	0	0	0	ï	4	210	î	1	î	1	,	1	1.	1		1	1	1	1	1	1	1
2		•	1	1		,	4	2	4		2	1	1	1	1	1	-1	1		1	1	1	2	2	1
3		-				- 9	3	8	21	3 22	7		2	1	1	1	2	2	1.	1	1	1	7:	- 8	4
	,	á		1	,	,	,	1	- 1	- 1	î	1	1	1	1	1	1	1	2	2	2	2	1	1	1
5		â	4		,	- 1	,	i i	1	1	1	9	1	1	1	1	1.5	- 1	1	1	1	1	1	1	1
6	- 4		- 1		,	į.	-	- î	1	1	,	1	*	1	1	1	1	1	-1	1	1	1	1	- 1	1
7	- 9	- 1	- 2	-	i i	- 1	ì	í	3	2	1	. 1	7.	1	1	1		-1	1	1	1	1	1	1	1
ò	4	- 6	Ŷ.		10	2	3	4	5	2 6	6	4	2	2	1	1		1	1	1	3	4	9	9	3
9	10	7	à	3	2	2	4	10	6	4	3	2	2	1	1	1	1	- 4	-1	1	1	1	1	- 1	3 7
10	1	1	1	1	ī	1	3	10	17	12	6	••••	••••	1	1	1	1	1	-1	8	1.1	15	22	28	
11	38	47	53	58	59	56	51	49	55	32	11	3	1	1	1	1	1	1	1	3 7	7	4	1	1	22 2 3
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4		10	7	5	4	2
13	3	3	2	2	2	1	1	2	2	2	2	2	2	1	1	1		1	2	4	8	12	13	13	5
14	15	13	8	6	4	4	3	4	4	3	1		1	1	1.	1	1	1	1	1	6	9	12	14	2
15	15	16	16	15	14	12	1.1	16	26	16	6	2	1	2	1	4	1	1		1	1	1	1	1	
16	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 1	- 1
17	1	1	•	- 1	- 4		3	1	- 1	1	1	1	3	1		1	1	1	1	2	3	3	3	4	- 2
18	4		2	100	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1.	1	1	1	1	1	- 1
19	1	3	3	2	2	1	2	3	2	1	0		0	0	0	0	0	1	1	1	3	1	1	0	
19	í	3	6	7	6	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	U	j.
21	0	0	0	0	0	0	0	2	3	2	2	2	1	1	,	1	7	2	4	4	2	2	2	2	1
22	1	1	,	1	0	C	1	1	1	1	1	1	1	1		1	1	1	1	1	1		0	0	- 1
23	0	0	0	0	O	0	0	1	2	1	1	- 1	1	1	1	1	1	1	0	1	0	1	0	0	ò
24	0	0	0	0	0	0	0	0	0	0		- 1	0	0	0	0	1	1	0	0	0	0	0	o	0
25 26	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	10	12	2
26	0	0	0	0	0	0	0	0	0	0	0		0	0		0	0	0	1	1	5	9	0	0	8
27	18	19	21	21	21	21	21	22	12	6	3		2	1	1	0	0	0	0	0	0	0	2	••••	2
28	0	0	0	0	0	0	0	2	3		6	3	2	2		1	2	2	3	3	2	2	0	3	- 2
29					2	1	2	5	4		1		1	0		0	0	0	0	0	0	0	0	0	4
30	4	6	7	8	9	10	17	25	14	2	C	0	0	0	0	٥	0	0	0	0	0	U	U	U	
31	0	0	0	0	0	٥	0	0	0	0	1	0	0	0	-	0	0	0	0	0	1	1	1	1	o
MEAN	4	4	4	5	4	4	4	6	6	4		2 1	1	1	4	1	1	1	1	2	2	3	3	3	2.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT MONTH - APR 77 STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 6 DAY 4 0 1 2 3 4 5 6 7 8 9 0 0 17 22 22 22 22 16 10 14 20 11 12 13 14 15 16 17 18 19 20 10 10 1 2 1 10 1 4 2 11 18 13 4 10 2 15 16 9 15 16 9 15 17 10 13 18 12 30 9 16 24 21 22 23 24 25 26 27 28 29 30 7 10 1 11 16 6 13 1 7 3 14 1 10 3.0 MEAN

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 77 23 24 MEAN 19 21 22 HOUR 7 8 9 10 11 13 16 17 18 20 5 6 12 14 15 001 0 2 3 0 0 6 1 1 1 1 2 3 1 0 0 1 1 2 3 4 5 6 7 8 9 10 12041 0 0 1 5 0 3 1 0 1 8 1 0 10 5 0010011011 0 0 1 0 0 1 1 0060210271 00221 00121 001001 17 0 3 0 0 0 0 0-00ò 00 000 00 000ó 0 0 2 7 1 1 4 1 5 6 1 7 3 2 1 2 2 0 1 0 11 12 13 14 15 16 17 18 19 20 2 8 9 8 4 00 0 0 00 0 00 0 0 00 0 0 1 1
0 0
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
CATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID
DATA INVALID - DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID
- DATA INVALID 21 22 23 24 25 26 27 28 29 30 - DATA INVALID -31

PERCENTAGE OF DATA VALID - 38.4

MEAN

PERCENTAGE OF DATA INVALID - 61.6

PERCENTAGE OF DATA UNAVAILABLE . 0.0

0 0 1 2 1.6

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	1 . 1	TRI	C OXII)E -	CHEMI	LUMIN	ESCENT					UNITS	- 0.	. 01 PA	RTS/M	ILLIO	N						
	ST	ATION	- с	NO	34007		ВДТНО	RST/W	ILSON.	NOR	TH YO	RK.				MON	тн -	JAN	77						
HOUR	3	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	O	0	0	0	0	0	0		2	2	• • • •				
2	2	1	1	1	1	0	3	1	1	ō	a	o	o	0	2	8	11	17	12	2	3	****		2	1
2 3 4	2		1	2	1	1	1	3	17	25	16	14	12	12	9	8	11	15	9	5	5	7	9	10	3
	13	6	5	3	3	3	2	1	3	12	6	1		1	,	2	2	7	8	10	19	21	25	32	8
5	21	12	5	5	2	1	2	6	9	10	7	3	2	1		1	2	5	6	8	7	3	6	6	6
6	6	9	1.1	8	10	9	9	19	80	81	72	37	30	27	21	31	38	39	29	28	11	10	11	12	27
7	10	8	5	4	4	5	10	12	9	4	2	1	1	1	- 1	****	1	2	2	2	2		2	2	4
8	2	2	2	2	2	2	7	13	25	32	27	21	14	10	3.1	15	15	13	11	8	5	2	2	2	10
9	2	2	2	2	2	2	2	2	2	1	0	O	0	0	1	2	2	5	8	10	9	8	5	3	3
10	2	2	2	2	2	2	3	4	5	4	3	3	3	3	1	1	1	2	2	2	2	2	2	2	3
11	2	2	2	2	2	2	2	2	2	2	9	1	1	3.	11		2	4	3	3	2	2	2	2	2
12	3	4	4	3	2	2	3	3	3	4	3	1	1	1	1	1	2	2	4	3	4	6	5	4	3
13	6	3	2	2	2	3	7	20	29	22	22	10	5	4	6	9	21	19	25	30	30	17	16	15	14
14	11	8	6	3	3	3	11	10	10	9	1.1	10	14			59	61	58	52	19	11	9	В	6	18
15	13	12	5	7	4	2	6	1.1	15	18	15	15	15	12	7	4	2	2	3	3	2	1	1	2	7
16	4	5	3	2	2	2	2	1	2	1	1	0	1	1	1	2	2	3		3	3	3	4	7	2
17	5	4	5	6	4	6	7	9	5	4	4	5	6			8	3	1	2	2	2	4	5	8	
18	10	8	7	9	9	В	10	13	12	9	4	1	0	0	1	1	3	4	2	1	1	2	1	1	5 5 2
20	1 2	3	2	2	1	1	- 1	3	5	3	1	,	0	O	0		2	2	4	3	2	2	- 1	1	2
20	2	3	4	2	1	2	4	3	5	4	6	5	2	1	0		2	3	3	4	6	8	7	5	4
21	€	5	4	4	3	3	4	5	7	6	5	3	2	2		2	3	5	5	3	2	1	2	2	4
22 23	2	4	3	2	1	1	1	2	4	3	1	0	0	0	0	1		2		2	2	2	2	2	2
24	16	9	13	7	5	5	4	8	23	15	15	10	12	15	16	24	30	26	28	22	18	33	23	14	16
25	8	8	6	9	8	11	13	38	60	48	31	32	30	33		38	37	36	28	23	22	23	23	12	25
25	E	3		3	2		22	42	40	22	19	22	19	15	5	3	5	3	3	3	2	2	2	2	12
26 27	1	3	2	3		2	5	6	10	8	1.1	10	15	25	20	22	37	41	29	15	10	1.1	9	3	13
28	18	ė	7	6	9	11	25	44	9	6	4	2	2	1	••••	4	8	8	8	12	17	13	17	21	
29	2	3	,	0	9	3	25	44	32	23	19	17	10	4	3	7	5	6	6	4	2	1	- 1	1	11
30	5	4	4	4	5 3	5	5	4	4	2	1	5	5	3	3	3	1	3	9 5	7	5	8	11	9	5
31	3	2	1	1	2	3	6	12	30	12	6	5	6	5	8		23	28	20	11	8	6	3	2	9
MEAN	ε	5	4	4	3	4	6	10	15	13	10	8	7	6	5	1.0	1.1	12	11	8	7	7	7	6	7.7

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT . AIR RESORCES BRANCH

	FO	LLUTAN		IRTIN	C OXII	DE ·	CHEMI	LUMIN	ESCEN'	r			1	UNITS	- 0.	01 PA	RTS/M	ILLIO	N						
	5 T	TION	C	NO	34007		BATHU	RST/W	I LSON	NOR	TH Y0	RK				MON	TH -	FEB	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	.17	18	19	20	21	22	23	24	MEAN
1	3.	1	0	0	O	1	1	2	3	2	1	1	1		1	2	3	6	9	12	10	5	6	10	3
2	EI	9	3	2	2	2	2	4	8	25	20	8	2	3	6	14	22 22	23	18	18	9	6	6	7	10
3	3	2	4	2	2 2 0	4	21	34	46	35	23	10	4	1	2	2	1	1	1	o	1	ĭ	1	ò	8
4	51 51 O	0	0	2 0 0	0	1	21	3	3 8 46 6 0	25 35 4	23	1.	1	1	1	1	1	2	,	2	2		á		ě.
5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	Ó	0	0	0	0	0	o		•	0	ò
6	0	1	1	0	1	1	1	0	0	0	0	0	0 0 0	0	0	õ	o	0	0	o	0	D	ó	0	0 0 2
7	7	0	0	0	0	1	1	0	1	0	0	0	o.	0	1	1	1	2	5	7	5	7	6		3
8	12	12	10	12	9	8	15	26	40	35	30	25	17	15	13	17	18		21	16	12	В	8	0 0 0 8 7	17
8 9	2	2	2	2	2	3	9	22	29	30	19	14	14	12	14	10	23	26 25	25	33	30	22	10	5	15
10	5	4	6	8	14	14	12	5	9	11	4	4	8	24	27	31	43	49	46	44	29	21	23	25	17 15 19
1.1	24	17	10	5	3	3	Q	23	28	31	15	12	6	3	-			7	2.2		200	1272			
12	159	9	18	6	11	4	17	34	30	24	26	26	25	26	3 29	4 31	5 30	30	14	16	11	11	11	15	12
12	1.11	9 13	1.1	5660000		2	9 17 3	3	4	6	20 B	7	10	7	29	3	30	30	26	21	22	20	13	15	21
14	12	Ö	0	0	3	2					•	1	10	- 1	4	3	3	•	1	1		- 1	2	1	5
14 15 16	0	ő	0	0	o	o	0	ò	2	0			0	1	- 1	1		1	1	1	0	1	0	0	1
16	7	•	0	0	o		•	·	1			0		0	0	0	1	- 1	1	1	1	1	1	1	0
17			9	0	Ÿ	- 3		4	2	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	1
	16	ċ	- 1	4	3	7		- 2	6	5	2	. 1	- 1	4	7	4	2	В	9	8	9	15	14	16 8	5
18 19 20	9	9	4				16	52	69	42	25	26	31	29	30	41	46	41	30	25	21	В	6		25 5 1
20	1	6	5	12	24	29	11	3	- 1	2	1	1	2	2	2	2	2	1		1	1	1	1	3	5
20		2		0	O	1	1	,	-1	- 1	,	1		1	1	3	1	1	1	1	0	0	0	0	1
21		1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	1	3	4	6	10	11	1.1	10	3
22	6	2	3	3	3	2	10 11 6 8	26	34 12	12	11	9	6	2	2	2	3	6	5	5	2	3	3	3	3 7
23	3	2	3	3	3	3 2 2	1.1	14	12		9	11	10	13	15	15	16	14	9	1.2	12	9	7	5	9
24	3	2	2	1	1	2	6	15	19	21	21	21	20	20	41	55	57	52	45	29	20	24	16	9	21
25 26	10	10	5	4	2	2	8	1.1	1 1	7	8	В	2	2	2	1	2	2	2	2	2	1	.1	2	4
26	100	1	3	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	16	28	21	12	10	4
27	83	7	7	4	2	1	1	1	2	5	10	17	30	46	34	15	6	3	2	2	1	1	1		
28	O	0	0	0	0	0	0	1	2	5 2	1	17	1	1	1	1	1	1	3	6	4	3	3	3	9
MEAN	15	4	3	3	3	3	6	10	13	12	9	7	7	8	9	9	10	11	10	10	9	7	6	6	7.5

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAY 77 HOUR DAY 1.1 24 MEAN 3 25 39 50 2 0 0 32 33 31 0 0 0 0 27 31 29 0 0 0 0 31 28 27 0 0 0 0 3 15 16 31 0 0 0 0 9 17 37 0 0 0 0 3 19 27 0 0 4 0 30 35 0 0 0 19 33 1 22 24 5 0 24 0 0 0 0 37 0 7 0 0 0 0 0 0 0 7 8 9 12 13 14 15 16 17 18 19 20 0 9 9 17 0 0 0 8 8 23 0 0 0 13 22 0 0 12 16 0 0 0 0 5 9 0 1 0 0 0 14 14 1 0 11 23 4 0 0 0 0 1 5 4 0 0 2 8 0 0 0 25 8 0 0 8 1 10 0 0 14 13 0 0 35 8 0 0 12 3 0 0 13 21 16 13 37 0 11 9 19 0 0 12 16 6 9 25 0 14 0 21 24 17 0 13 26 0 28 15 0 0 3B 7 0 3 37 0 2 1 3 1 9 0 2 1 10 2 25 0 0 9 27 14 26 22 23 24 25 26 27 28 29 30 10 4 22 4 7 44 4 5 14 4 14 11 0 14 0 0 9 17 12 0 10 2 2 5 6 0 16 9 0 10 19 1 4 1 0 . . . 3 4 6 B O 1 7 6 10 10 1 4 2 2 10 14 8 5 0 0 14 24 9 0 0 2 8 18 15 15 12 13 0 14 10 6 0 7 12 0 18 0 10 24 10 8 MEAN 6.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

PERCENTAGE OF DATA UNAVAILABLE - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUN HOUR DAY 24 MEAN 4 2 22 2 2 0 0 0 12 0 0 0 0 0 0 2 0 3 3 5 0 1 0 0 3 3 11 0 7 0 0 2 0 9 12 13 14 15 16 17 18 19 20 0 0 0 0 0 0 0 0 000-9 39 16 57 26 0 0 21 18 13 19 0 0 0 19 16 14 21 0 0 16 14 17 16 0 0 0 17 16 20 . . . 0 0 0 9 0 18 8 27 27 0 0 0 0 27 2 21 21 0 0 0 0 23 0 22 18 0 0 0 20 0 33 22 0 0 0 0 14 11 15 23 5 0 0 1 29 0 30 19 0 0 0 0 0 25 0 35 25 0 0 0 12 0 36 11 0 0 31 8 38 5 0 0 2 34 29 30 19 0 19 24 0 0 0 3 13 9 0 0 14 10 0 0 14 4 0 0 0 0 0 0 3 22 23 24 25 26 27 28 29 30 0 2 47 10 0 32 42 16 3 0 20 6 0 15 22 27 17 29 2 0 13 20 20 10 0 13 13 17 0 0 13 24 24 1 0 27 10 0 10 7 19 17 6 0 11 15 16 30 7 24 25 2 0 16 8 0 0 16 26 2 0 10 14 2 17 26 10 15 15 14 22 0 16 23 7 0 0 17 24 5 4 16 14 4 : -26 19 28 25 0 18 19 30 43 12 0 22 28 14 32 3 17 3 0 9 2 2 58 11 0 37 33 23 20 10 0 18 16 7 0 16 15 7 0 12 0 11 16 6 12 3 0 14 4 MEAN 6.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

PERCENTAGE OF DATA VALID - 98.8

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA INVALID - 1.3

PCLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

	S1.	ATION	- c	NO	34007		ВАТНИ	RST/W	ILSON	. NO	RTH YO	RK				MON	тн -	SEP	77						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	4	4	4	7	34	58	36	16	10	8	4	18	7	1.0	26	21	8	9	1		,	3	13	13
2	5		0	0	0	O	1	2	2	31	33	59	41	28		21	35	41	36	31	17	14	12	13	13
3	4	0	0	0	0	0	11	1	1	0	0	0	0	0	0	0	0	0	30				0		18
4	1	2	2	3	4	4	2	5	11	10		1.1	8	7	5	10	17	18		0	0	0		1	0
5	10	6	1	1	0	0	3	0	0	0	0	o	0	ó	0	0	0		21	22	26	23	16	16	11
6	0	0	0	O	1	5	12	11	3	ŏ		0	0	ő	0	0	0	0	0	0	0	0	0	0	- 1
7	2	1	0	0	0	11	56	76	62	43		32	28	28	31	38	35	0	0	1	1	1	2	3	2
8	1.1	8	7	a	5	-1	9	33	57	42		22	21	22			35	33	29	30	22	23	24	19	28
9	14	1.1	13	23	26	28	37	38	25	23		18			25	32		34	40	45	45	40	30	17	26
10	1	1	0	0	20	- 0	4	5		23			15	14	14	15	15	11	13	12	7	5	5	2	17
								9	4	3.0	0	0	0	0	0	0	1		0	0	0	0	O	0	1::
11	0	4	0	1	0	0	O	9	1	1	1	0	0	0	0	0	0	-	120	120	100		30.0	2	
12	12	14	1.7	1.7	1.1	34	6.1	65	63	59		25	8	1	2	8	21	0 27	1	2	6	В	9	1.1	2
13	16	6	4	3	5	14	34	41	39	40	41	37	33	39	47	35	49	39	20	16	6	4	13	15	23
14	1	1	1	O	0	0	1	- 1	- 1	1	- 1	1	1	39	1	35	49		26	32	25	27	12	2	27
15	12	7	2	1	1	3	51	95	65	35	26	20	24	29	34	41		1	1	3	3	7	12	15	2
16	12	7	6	5	7	29	58	66	57	54	59	48	50	47		41	38	30	30	21	15	17	18	20	26
17	29	24	1.7	9	1.1	24	37	31	14	5	1	46			52		46	54	52	61	62	44	25	21	40
18	12	9	16	12	1.1	12	10	12	15	21			0	0	0	0	0	O	0	1	1	4	16	7	10
19	16	5			4		1	12		37	21	31	25	29	29	19	21	14	3	2	5	6	8	11	15
20	3	2	2	2	4	12	29	7.7	28		32	29	30	32	34	39	48	47	23	10	8	7	7	5	18
	-	•	*	~		12	29	33	33	30	30	18	• • • •	38	52	58	55	47	41	31	25	26	22	17	27
21	13	7	4	4	-1	1.	3	5	4	3	2	2	2	1	2	2	3	3	1	ĭ	1	90	1	,	2
22	1	1	1	1	1	1	3	5	4	2		1	4	10	2	49	55	38	28	14	40	65	62		3 19
23	28	28	25	12	8	32	52	65	60	47	39	36	40	44	49	46	49	49	53	55	43	48	39	52	
24	16	16	7	5	7	10	21	23	24	23	22	19	16	15	14	14	9	8	8	6	- 5			27	41
25	5	4	3	2	1	-1	1	1.1	19	23	29	30	38	34	31	29	35	38	58	54	55	5	6	6	13
26	10	4	4	4	6	1.4	45	44	30	34	30	28	7	- 1	-	0	1	30	7		14	42	36	19	25 12
27	1	1	O	0	0	4	4	1.1	16	5	2	1	1	Ö	ĝ.	5	2	2	1	6		3	1	4	12
28	1	1	1	0	0	0	1	3	3	1	ĩ	- 1	,	1	- 0	- 1	- 1	ó	- 2	3	3	3	3	3	3
29	3	1	1	1	1	3	9	19	18	5	- 6	- 4			- 0	6	11	5	- 1	2	2	6	8	7	2
30	13	4	2	2	2	19	46	35	30	41	44	13	7	10	2	2	3	5	5	12	33	24	16	15	12
MEAN	9	6	5	4	4	10	22	26	24	21	19	16	14	15	15	17	20	18	17	16	16	15	14	11	14.7

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTAI	NT -	NITRI	c oxii)E -	CHEMI	LUMIN	ESCENT					UNITS	5 - 0.1	01 PA	RTS/M	1110	N						
	ST	TION	· c	NO	34007		BATHU	RST/W	LSON.	NOR	TH Y	ORK				MON	TH - (DCT	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	3	8	7	3	4	6	10	13	16	14	9	3	6	2	1	2	1	1	1	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	3	5	8	5	1	1	3	7
3	1	0	0	0	1	1	5	7	2	1	0	71	1	0	1	1	1	1	1	1	1	1	1	1	î
4	1	1	1	1	1	1	5	7	5	1	-1	0	0	0	0	0	1	1	2	4	5	7	21	31	4
5	25	15	9	10	1.1	29	32	60	46	15	25	23	53	36	11	6	10	15	14	6	6	8	8	3	20
6	1	1	1	0	0	3	9	12	8	2	1	1	1	1	1	1	2	1	1	2	2	4	5	4	3
7	4	3	2	1	1	0	2	7	39	42	35	36	33	41	49	43	42	48	64	70	59	35	20	13	29
8	8	5	3	2	2	4	12	19	21	23	21	19	21	22	19	16	13	14	13	8	7	4	4	5	12
9	6	7	4	2	1	0	2	5	2	1	0	6	6	4	7	В	3	8	6	10	В	4	1	1	4
10	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	ĭ	10	29	83	68	57	49	13
1.1	42	30	19	11	12	28	63	74	66	37	34	31	24	27	30	36	36	4	2	5	6	16	14	11	27
12	8	5	4	3	6	14	29	21	18	8	3		3	5	2	2	2	1	2	3	2	2	2	2	5
13	3	5	2	3	6	26	16	21	19	59	51	41	21	36	56	67	64	63	56	51	49	46	41	37	35
14	36	34	37	30	1.1	45	93	42	50	45	34	39	9	9	45	42	52	56	27	30	24	28	34	25	37
15	21	15	9	7	7	7	34	31	11	11	19	7	3	12	24	29	39	25	19	5	-	1	- 1	1	14
16	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	ò	o	ò	ò	0
17	0	0	0	O	0	0	0	- 1	1	0	0	0	0	0	ō	ō	0	1	2	6	5	24	21	26	4
18	35	25	26	32	33	54	85	93	45	32	29		33	32	32	41	36	48	58	56	29	59	53	24	43
19	22	10	7	15	15	8	13	32	50	60	35	9	4	2	2	1	2	2	2	1	25	1	1	1	12
20	1	1	1	1	1	1	В	6	3	2	1	• • • •	0	ō	ō	1	2	5	13	11	11	7	В	9	4
21	18	31	12	12	14	36	43	61	27	24	5	2	2	5	13	20	32	34	33	19	7	9	11	14	20
22	24	9	2	1	1	2	1	1	1	1	1	1	1	1	1	1	7	1	2	2	4	1	- 1	2	3
23	9	2	5	1	1	4	10	14	15	14	17	20	24	22	21	23	29	39	53	63	71	70	61	42	26
24	23	8	5	3	16	28	59	94	88	78	57	41	33	40	47	58	73	88	88	63	67	59	47	44	50
25	36	20	11	9	18	20	32	52	64	94	85	58		• • • •		44	70	66	62	55	69	63	62	44	49
26	46	29	25	17	18	24	32	85	8.3	57	35	21	31	44	9	3	12	31	24	29	18	6	3	2	29
27	10	15	16	14	1.1	В	17	60	34	20	38	40	38	29	39	35	50	55	40	30	19	3	0	0	26
26	1	1	1	1	1	1	2	4	5	2			1	1	0	0	1	3	6	5		7	4	3	
29	2	2	2	2	4	5	9	16	8	7	19	28	25	21	22	28	37	44			6				2
30	39	40	9	5	2	1	1	2	2	18	18	15	15	20	21	24	30	51	62 72	52 84	29 96	22 92	16 77	16 74	34
31	48	26	17	16	В	11	54	102	93	41	29	30	28	27		39	44	67	82	67	26	25	19	13	40
MEAN	15	11	8	7	7	12	22	30	27	23	19	17	15	15	16	18	22	25	27	25	23	22	19	16	18.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 77 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 1 2 3 4 5 6 7 8 9 10 0 0 0 13 4 0 2 15 15 43 6 15 4 3 8 14 2 4 3 10 56 2 22 10 10 0 2 0 0 11 12 13 14 15 16 17 18 19 20 3 13 12 12 7 2 10 0 0 21 22 23 24 25 26 27 28 29 10 30 2 31 1 2 3 5 4 2 2 2 2 3 3 2 2.3 MEAN

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POL	LUTANI	- N	ITRIC	OXIDE	E - C	HEMIL	UMINE	SCENT					UNITS	- 0.0	1 PAF	RTS/MI	LLION	Ē						
	STA	TION	C	NO 3	5003	Ε	LMCRE	ST RO	AD, E	товіс	OKE					MON	гн - ғ	EB	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 0 0 1 0 1 2 2 0 1	1 1 0 1 0 0 2 1 0 2	1 0 1 0 1 0 1	1 0 0 0 1	1 0 1 0 1 1 0 0 4	1 0 0 0 0 0 0 8	1 2 0 1 0 0 0 0 0 7	2 4 1 0 0 1 2 1 1 3	2 5 2 6 0 1 7 1	2 3 2 6 0 1 1 6 1 8	2 1 1 2 0 1 1 4 1 3	1 1 0 1 0 2 1	0 0 0 1 1	1 1 0 0 1 1 1 3	1 1 0 1 1 1 1 3	1 1 2 0 1 1 1 3	1 1 0 1 4 1 1 3	4 0 1 2 1 1 1 1 8	5 0 1 2 1 1 11 0 3	6 0 1 3 0 1 8 0 6 6	1 0 1 5 0 5 3	0 0 1 2 1 1 5 0 3 3	0 0 1 1 1 5 6 8	0 0 1 1 4 0 5 15	2 1 2 0 1 3 1 2 5
11 12 13 14 15 16 17 18 19 20	5 1 0 0 1 1 0 2	4 1 2 0 0 0 0 1 0 3 0	4 0 1 0 0 0 1 0 6 0	1 1 0 1 0 0 0 0	0 1 1 0 4 1	1 1 0 1 1 0 6 0	1 1 0 0 0 1 4 0	1 0 1 0 5 3 3 1 1	1 2 0 2 0 4 5 7 1 1	1 2 1 1 0 2 4 9 1 1	1 2 0 1 0 1 2 6 1 0	1 2 1 1 0 0 0 1 + + + + + + + 0 0	2 6 1 0 0 1 5	2 4 1 0	1 6 1 1 0 1 5	1 5 1 1 1 1 4	2 2 1 1 1 1 4 1 0	1 1 1 1 1 1 6 1	1 0 1 2 1 0 1 1 0	1 2 0 2 1 1 0 2 0	1 3 0 2 1 1 0 1 0 0	1 0 1 1 1 1 1 0	1 0 0 1 1 0 0	1 0 0 1 0 1 0	2 2 1 1 1 1 1 3 2 0
21 22 23 24 25 26 27 26	0 0 14 0 1 1 1 1	0 0 11 0 1	0030	0000111	0 0 0 1 1 1	0000111	0 1 0 1 1 1 1 1	1 0 2 1 1 1 3	1 1 3 1 1 1 2	1 1 4 1 0 2 3	0 1 3 1 0 3 2	0 1 1 3 1 0 8	1 3 0 12	1 1 4 1 0 13	101011	1 1 8 1 1 3	1 1 8 1 1 1	1 3 1 6 1	1 6 1 6 1 1 2	0 13 1 1 0 1 2	0 8 1 1 0 1 2	0 5 1 1 0 1	0 11 0 0 0 1 1 1	0 11 0 0 0 1 1 1 1 1	0 3 2 3 1 1 3
MEAN	1.	3	1	1	1	1	1	2	3	2	ì	1	2	2	2	2	2	2	2	2	1	1	2	2	1.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " *** ** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	CLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE														. 01 P	ARTS/N	MILLIC	N							
	51	ATIO	N -	C NO	3500	3	ELMC	REST F	ROAD.	ETOB	COKE					MO	NTH -	MAR	77							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2		2	2	1	,	2	3	2	1	1	0	î	1		,		TV.	2			,	2		
2	1	3		1	1	1	*	3	2	1	1	1	0	0	- 4	- 4	- 4	- 4	ò	ő	0	n	,	- 1		
3	2	1		1	1	2	1.1	17	1.1	30	13	3	2	2	2	6	6	3	2	2		•	o	0	é	
4	O	0			0	0		2	3	2	2	1	2	2	2	3	3	4	5	2	30		1		3	
5	0	0		0	0	0	0		0	0	o	0	ō			3	0	0	0	0	1	0	0	- 1	2	
6	1	1	1	1	1	1	1	1	1	- 1	1	1	0	ĭ	,	1			1	0	O	O	U	1	U	
7	0	0	0	0	0	0	1	3	3	1	2	1	3	2	2		- 1	- 2		- 1	1		1	- 1	1	
8	0	0		0	0	0	1	1	1	1	,				0	0		1	1	1	1	1	1	0	1	
9	0	9	- 7	5	4	3	3	23	17	2		- ;		1	U	U	U	0	0	0		1	1	0	0	
10	0	Ω	0	0	1	,	2	12	30	11	2			- 1	4	- 1	- 1	3	1	1	1	,	1	1	3	
	100	.(7)		- 7				1.2	30	***	•			- 1	- 1	- 0	1	1	1	6	17	25	29	52	8	
1.1	59	35	22	13	7	5	1.4	34	56	61	24	3	2		20272											
12		~ ~		73.95		-	3177	34	20	0.1	2.9			INVA					• • • •							
13												- 1	DATA	INVA	- 10											
14														INVAL												
15													DAIA	INVAL	LID -											
16	6	8	2		30			74	12	2 2 2 2 2		14				9	2	4	1	2	1	1	1	2		
17	0	0		- 1	Ö	ó	ó	11	- 1	- 1	0	0	0	0	0	0	0	0	0		0	0	0	1	1	
18						U		2121212	. 1	0	0	0	0	0	0	0	0	0	2						0	
19							1.00							0	0	1	- 1	1	0	0	0	0	0	n		
20	6	11	21	17	14	- 3	3	2	1	1	- 1	0	0	0	0	0	1	1	1	2	2	3	3	6	1	
20	0	3.1	21	1.7	1.4	4	0	0	0	0	0	0	1	1	2	2	3	0	0	0	O	1	1	ī	4	
21	0	0	0	0	0	0	1	10	14	2	1	Ÿ		1	*	1	1	2	-		-					
22	0	0	0	0	0	0	0	1	1	1	i i	- ê		1	0	ó	ò	ó	5	4	3	1	1	1	2	
23	0	0	0	0	0	0	2	6	7	3	- 1		0	ó	1	ő	1	1	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	O	Ó	0	ò	ò	o	0		o	ò	ò	0	,	0	0	О	0	1	
25	0	0	0	0	0	ō	0	n	o	o	ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	ō	Ó	0	o	o	Ó	Ö	ő	0	0	0	0	0	0	0	0	0	0	0	
27	1.1	12	16	12	11	17	21	25	22	3	2	2	3	3			4		3		9	10	8	10	2	
28	20	8	9	10	3	7	14	17	13	9	8	6	6	6	2	3	4	2	3	4	4	4	9	18	9	
29	3	5	8	6	7	В	11	23	12	9	6			ь	6	6	6	9	11	10	9	3	2	3	8	
30	15	29	11	24	17	10	16	20	15	7	3	3	3				1	1	1	1		1	3	12	6	
1000	,,,,,	13		24	11	10	16	20	15	7	3	3	1	1	••••	7.	1	1	1	1	1	1	1	1	8	
31	t	1	2	2	2	2	2	2	2	2	1	1	1	1	1	4	1	1	1	2	1	2	2	2	2	
MEAN	5	5	4	-4.	3	2	4	8	8	6	3	1	4	1	2	2	Ť	T,	2	2	2	2	3	4	3.1	

PERCENTAGE OF DATA VALID - 83.5 PERCENTAGE OF DATA INVALID - 16.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " --- INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PC	LLUTAN	(T -)	NITRI	C OXII	DE -	CHEMI	LUMINI	ESCEN	т				UNITS	٠ ٥.	D1 PA	RTS/M	1110	N						
	ST	MOITA	. с	NO	35003		ELMCRI	EST RO	DAD.	ETOBI	COKE					MON	тн - Д	APR	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	1	1	1	1	1	1	2	В	4	2	2	2	2		5	7	3	3	5	6			20	2	
2	1	0	0	0	0	1	1	1	1	2	2	3	4	4	4	6	6	5	7		. 5	3	- 2	1	3
3	4	3	2	1	1	1	1	,	- î	- 1	- 7	- 7	o	0	0	Ö	0	0	ó	13	13	7	4	4	4
4	8	2	4	3	0	0	0	0	Ó	0	n	ò	0	0	0	0	1	1		3	4	2	4	5	2
5	1	1	1	1	1	2	2	ĭ	·	ĭ	ĭ	1	,	• • • •	0	0	ò	0		0	0	0	1	1	,
6	1	1	1	1	1	- 7	,	i i		1	ò	ó	ó	0	0	0	0		0	0	0	0		0	1
7	0	0	0	o	0	0	0	- 4	- 1		1	0	0		1	1	1	0	0	0	1	1	1	0	1
В	0	0	0	0	O	0	o	Ö	ó	ó	n	Ö	0	o	0	ò	ò	0	1	1	4	0	0	0	1
9	2	1	1	1	1	1	1	1	•	o	õ	0	0	ő	0	0	0			1	0	1	2	3	О
10	14	23	12	14	11	4	5	5	i	ĭ	ĭ	1	1	1	1	1	1	1	10	3	7 2	11	7	8	4
1.1	18	23	14	10	8	6	13	16	5	8	8	4	7	1	-	1	30	,		1		1	1		_
12	0	0	0	0	0	1	7	4	1	1	1	2	2	Ŷ		- 1	- 1		3	11	5	9	14	17	6
13	9	6	4	4	4	2	3	3	3	2	2			Ó	o	0	o	- 1		- 12		9	2	2	3
14	4	3	-1	1	1	1	1	2	1	1	0	0	0	Õ	Ö	o	ŏ	ó		o		- 1			- 2
15	1	1	0	0	0	0	1	6	9	5	3	1	1	1	ő	0	0	ő	ő	,	1	ò			1
16	1	1	1	0	0	0	2	2	1	0	0	o	o	o	0	ő	0	ő	ő	1	3	0	2	1	
17	6	2	-1	1	1	1	1	1	1	0	0	ŏ	1	1	Ö	ő	0	ő	1	2	3	16	25	28	1
18	21	24	16	14	13	12	16	27	25	21	27	6	7	5	2	2	2	3	9	14				28	4
19	2	6	7	12	12	15	19	27	17	9	3	2	4	ĩ	ī	2	2	5	2	14	20	9	1		12
20	20	19	16	10	8	10	9	15	27	11	12	7	6	4	2	2	2	2	2	4	1 8	7 3	23	23	8
21	9	3	3	8	5	9	1.1	14	17	6	4	2	2	1	3	2	2	4	9	3	4	14	6	4	-
22	7	3	3	3	2	2	2	3	12	12	9	3	3	2	3	3	3	3	3	3	3	5	3	3	4
23	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	3	2	7	7	7	7
24	1	10	2	1	1	1	1	1	1	1	1	1	2	2	3	5	1	1	1	1	•	4	- 21		
25	1	1	1	1	1	1	4	5	2	1	1	2	1	1	1	1	3	2	2		- 1	2	,	12	
26	8	6	5	4	3	3	4	6	5	2	2	1		1	1	ó	1	1	3	7	11	11	11	10	2
27	7	2	3	1	1	2	5	6	2	3	3	0	0	0	o	ō	O	ò	ő	ó	0	0	Ö	0	5
28	0	0	0	0	0	0	0	0	o	0	0	0	ō	o	Ö	Ö	Ö	ŏ	ő	0	0	1	3	4	1
29	1	1	2	1	1	2	5	3	1	0	0	0	ō	0	ő	a	o	õ	Ö	2				4	Ö
30	1	2	1	1	1	2	3	3	2	1	2	1	ŏ	O	o	o	o	ŏ	ő	0	8	3	0	ò	- 1
MEAN	5	5	3	3	3	3	4	5	5	3	3	1	1	1	1	-1	1	1	2	3	4	4	4	5	3.0

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. " " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - D.OT PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN o 12 13 14 15 16 o 0 . 2 3 22 23 24 25 5 4 2 0 O 6 2 12 21 13 28 29 30 MEAN 2.0

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1, ""*** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

PO LUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 77 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 HOUR 24 MEAN DAY 6 3 12 7 2 4 ... 9 7 8 10 7 2 7 8 6 2 6 12 13 14 15 16 17 8 3 4 6 5 2 10 3 5 13 6 2 5 15 9 3 2 4 0 2 3 1 0 1 0 5 2 0 22 23 24 25 26 27 28 2 10 6 3 2 2 15 3 0 2 1.1 MEAN

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID . 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 3 4 6 7 8 9 10 11 13 14 16 17 19 20 21 22 23 24 MEAN DAY 54 11 3 2 13 14 15 16 17 18 19 20 0 4 4 6 15 1 032-22 23 24 0 11 5 2 13 3 2 3 26 27 28

2 2

PERCENTAGE OF DATA VALID - 98.8

4 3 3

MEAN

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE . 0.0

3.8

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

19 22 32

2. "-" INDICATES DATA IS UNAVAILABLE

3. "...." INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 77 6 7 8 9 10 11 12 13 14 15 16 HOUR 21 22 23 24 MEAN 0 4 2 14 0 4 2 3 4 5 6 7 33 1 49 2 8 33 57 12 13 14 15 16 17 18 12 8 8 4 7 4 2 7 10 11 7 7 2 1 10 5 2 B 2 2 22 23 24 2 1 26 27 28 o MEAN 4.1

PERCENTAGE OF DATA VALID - 96.2

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

																	Although and resident								
	ST	MOITA	.)	C NO	3503	3	EVANS	/ARNO	LD AV	E, ET	OBIC	OKE				MON	TH ·	JAN	77						
HOUR DAY	3	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	В	12	9	4	,	1	1	1	1	2	3	4	4	5	6	8	8	5	5	4	3	В	5	5
2	2	1	,	3	1	1	1	1	0	1	3	1	3	2	1	1	2	2	2	2	2	2	2	2	2
3	,	1	1	1	1	2	6	7	5	6	4	4	4	4	4	4	4	3	3	3	2	2	3	3	3
4	3	5	3	2	2	3	9	19	9	10	1.1	10	8	9	10	12	12	18	21	22	23	12	9	18	11
5	23	23	18	4	4	7	15	30	34	31	19	16	14		12	14	20	25	20	16	12	10	9	14	17
6	16	13	10	1.1	1.1	14	24	37	52	37	21	13	7	4	5	5	5	6	5	4	1	1	1	1	13
7		1	1		1	3	5	9	19	12	9		8	6	9	11	14	14	9	10	11		6	8	
8	9	9	9	5	5	4	8	14	19	4	6	5	3	3		3	2	1	,			8	4	8	8
9	7	4	2	1	1		1	2	3	4	4	5	6	7		11	11			2	2	-	4		
10	2	1	3	2	2	2	2	2	3	4	4	4	4	3	9	1	14	10	9	8	8	5	1	3	5
1.1		1	4	2	9	161	7	26	201		-	120	-	21		-					,	-2			-
12	4	3	- 2	1	1	8	5	6	6		8	7	7	5	6	7	8	6	3	2	2	3	3	3	5
13	5	2	1			4	6	14	17	12	10	9	8	8	9	1.1	12	1.3	17	14	10	5	5	6	8
14	3		2	4	2	8		10	12	13	6	4	5	5	3	5	8	5	7	6	2	2	2	3	5
15	19	17	3			В	1.2	22	31	32	27	23	16	12	17	14	15	28	34	34	33	34	25	19	19
			9	6	3	111	1	1	1	2	2	- 1	2	2	2	7	7	6	7	7	7	4	4	7	5
16	5	3	2	1	1	1		• • • •	2	2	2	2		3	3 6	4	4	4	4	4	5	4	6	7	3
17	6	7	3	1	1	1.	3	3	4	4	3	3	3	3	3	3	8	12	6	5	4	4	6	6	4
1 B	5	4	3	2	2	3	1.1	24	25	16	1.1	9	7	5	6	1.1	15	12	8	7	4	3	3	4	8
19	4	3	2	2	2	3	12	21	28	17	12	10	9	9	1.1	12	17	16	17	19	19	15	9	7	12
20	4	3	1	1	1	3	8	13	10	5	3	3	6	7	7	10	9	6	6	4	3	5	6	5	5
21	2	2	3	3	2	3	9	14	19	13	13	11	12		11	15	19	21	14	14	8	6	5	7	10
22	5	3	2	2	1	11	2	3	4	5	5	5	5	7	7	9	8	10	12	9	9	6	9	12	6
23	13	13	1.2	8	5	6	В	10	14	4	2	- 1	1	1	- 1	2	8	3	2	2	3	5	2	1	5
24	2	2	1	1	1	1	3	6	9	8	8	***	6	6	В	6	9	9	2	8	9	6	7	7	5
25	7	5	2	2	3	3	5	9	10	10	9	8	7	9	10	8	18	11	7	10	7	6	6	6	6
26	1	1	1	0	0	3	5 2	4	5	3	2	2	3	5	4	2	3	2	1	10			2	1	<u>′</u>
27	1	0	0	0	o	0	o	1	,	1	- 7	2	- 7	1	4	- 1	3	2	1		- 2				2
28	1	1	0	0	0	7	10	4	5	6	6	5	2	- 4	- 0	- :		-	3	2	1	1	1	1	
29	0	0	o	0	o	Ó	O	0	0	1	ĭ		- 1	- 2		- 1	- 1	- 3	3	2	1	1	1	0	3
30	1	1	0	0	0	1	2	1	1	i	i	- 4		1	- 1	3	2	- 2	1	0	0	0	0	0	0
							85							(3)		-	-	310	1	U	U	O	O	0	2:
31	0	0	0	0	0	0	0	1	2	3	2	2	2	2	2	2	2	2	1	2	1	1	3	2	1
MEAN	5	5	3	3	2	3	6	10	11	9	7	6	6	5	6	6	В	8	8	7	6	5	5	5	6-0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS	- D.	OI PAR	TS/MI	LLIO	N.						
	STA	TION	· c	NO	35033		EVANS,	/ARNOI	D AVE	. ETC	BICO	KE				MONT	Н - Е	EB	77						
HOUR	71	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	-1	1	1	1	1	1	2	9	14	12	7	7	7	6	6	В	12	18	19	15	9	5	3	3	7
2	8	5	6,	4	2	1	7	15	9	9	4	5	6	4		2	2	2	2	3	1	1	1	1	4
3	1	1	3	2	2	1	2	4	5	6	4	3	5	8	8	5	6	9	1.1	6	7	7	6	4	5
4	6	3	2	1	1	2	5	12	20	18	11	9	5	3	6	7	10	11	13	18	14	10	8	7	8
5	6	4	2	1	1	1	1	3	3	5	4	5	6	5	5	5	5	6	9	8	5	4	5	7	4
6	6	3	4	2	1	1	1	2	2	3	2	2	3	4	4	4	5	5	5	5	6	4	5	5	4
7	4	3	1	1	1	2	4	10	11	10	8	8	7	7	9	10	16	23	26	14	12	1.4	1.1	7	9
3	10	6	3	1	2	2	3	В	9	13	10	8	4	2	9 2 2	2	2	2	1	1	1	1	1	0	4
9	1.	1	1	1	1	1	1	3	5	4	3	3	3	3	2	3	4	5	6	9	6	12	13	17	5
10	14	8	5	4	13	19	18	28	32	28	19	9	5	4	4	5	7	11	5	3	2	2	6	7	1.1
1.1	4	3	4	8	2	ij	ï	2	4	3	3	3	10	8	9	1.1	12	11	6	8	9	11	6	5	6
12	6	14	1.3	7	5	6	6	5	7	9	7	5 2	5	4	4	4	2	2	2	2	2	2	2	2	5
1.3	2	2	2	2	1	1	1	1	1	1	1	2	1		1	2	2	2	3	3	2	2	1	2	2
1.4	1	1	1	1	1	1	3	7	13	6	4	7	5	5	6	7	9	10	1.1	1.1	9	4	5	5	6
15	4	1	1	1	1	1	5	15	1.1	10	8	6	5	6	6	7	7	8	7	8	6	3	4	4	6
16	3	1	1	2	2	3	7	19	21	15	6	6	5		8	В	10	13	8	6	4	5	4	6	7
17	4	1	1	1	1	2	6	15	21	15	7	3	2	2	1	1	1	1	2	3	2	3	2	1.	4
18	1	1	1	1	1	2	5	9	10	4	4	4	5	5	7	8	5	6	3	3	2	2	2	2	4
19	3	10	8	10	9	8	9	8	8	6	5	5	6	7	7	9	11	10	10	12	12	4	7	8	8
20	9	9	5	2	2	2	2	2	3	3	3	3	3	4	4	6	5	6	5	5	4	4	5	4	4
21	2	1	1	-1	0	1	4	1.1	10	6	6		5	4	4	5	7	5	3	2	1	1	1	. 1	4
22	1	1	1	11	1	1	3	4	4	4	3	3	2	4	4	7	17	23	18	21	11	1.4	20	20	8
23	18	14	9	3	1	1	1	3	1	2	2	2	2	5	4	3	3 6	2	1	1	1	1	,	1	3
24	0	1	1	1	1	31	2	6	6	1.1	13	13	12	1.1	10	6		5	10	2	3	2	1	1	5
25	2	1	1.	1	1	1	2	2	3	3	3	4	5	6			7	5	10 5 8	2	2	3	1	3	3
26	2	2	1	0	0	1	3	3	4	4	3	4	5	4	5	6	9	14	8	3	1	1	1	1	4
27	4	3	2	1	1	1	1	1	3	10	13	15		13	5	1	1	1	3	1	2	1	1	1	4
28	1	0	0	0	1	1	5	15	14	18	12	6	6	4	4	6	7	В	1	1	0	1	1	1.	5
MEAN	4	4	3	2	2	2	4	8	9	9	6	6	5	5	5	5	7	8	7	6	5	4	4	5	5.3

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PCLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICORE MONTH - MAY 77 HOUR DAY 7 8 9 10 11 12 13 14 15 17 18 24 MEAN 9 0 3 3 4 2 3 4 5 6 7 8 9 10 23 25 15 11 21 5 0 10 14 10 20 15 36 8 7 11 12 5 3 6 7 10 3 5 30 19 33 15 22 22 6 6 4 10 9 19 28 13 59 3 2 16 4 7 10 2 18 15 7 6 4 7 9 10 18 4 24 2 6 15 5 4 22 5 3 8 8 4 5 6 8 10 2 39 13 4 24 15 7 10 12 2 0 3 5 8 19 12 13 14 15 16 17 18 19 20 58 18 5 5 47 33 25 11 4 1 8 5 9 5 12 1 0 3 4 8 10 12 49 10 8 8 6 2 6 5 4 3 7 8 17 1 0 2 4 11 2 3 7 5 43 8 4 10 4 6 10 7 6 9 9 43 5 4 15 1 3 7 11 1 4 5 10 4 4 21 12 54 52 17 5 2 3 19 11 12 20 23 11 15 5 2 5 20 66 5 5 9 1 3 37 22 23 24 25 26 27 28 29 30 5 2 5 3 3 4 12 6 9 4 3 9 5 21 6 3 4 9 4 10 20 2 2 4 12 29 27 9 1 2 22 8 1 7 6 16 7 16 7 5 24 10 2 11 7 7 13 19 9 2 1 2 1 17 2 3 19 19 28 17 17 12 4 16 2 17 1 8 14 4

PERCENTAGE OF DATA VALID - 99.5

MEAN

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

 33

7 6

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. " ... " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

PCLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - JUN HOUR DAY 24 MEAN 2 1 2 1 22 22 5 1 3 14 2 2 1 3 10 10 7 3 9 6 7 B 7 19 10 7 14 16 14 18 8 5 6 15 5 9 3 4 5 6 7 8 9 10 7 2 3 16 6 6 7 9 13 12 2 8 5 26 5 15 14 16 24 25 21 19 39 10 14 5 4 10 7 4 6 5 6 12 4 7 9 9 10 9 14 16 18 12 13 14 15 16 17 18 19 20 2 20 8 23 8 10 7 5 5 3 3 4 4 2 6 2 8 12 10 12 1 17 5 12 6 12 7 25 4 13 23 13 9 9 22 27 14 13 3 25 7 11 7 12 5 11 7 6 3 6 3 4 12 10 5 10 4 11 8 3 B 3 7 22 23 24 25 26 27 28 29 30 28 5 4 8 2 6 4 15 13 4 4 4 2 5 9 5 34 33 29 10 24 1 5 6 23 22 3 3 32 22 8 19 30 22 4 23 2 5 26 28 12 10 24 2 6 4 3 4 7 16 6 5 6 3 9 5 MEAN 6.7

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE . D.O.

NOTES 1. "... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- " INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILLMINESCENT

UNITS - 0.01 PARTS/MILLION

	51	TATION	٠ .	NO	3503	3.	EVAN	S/ARN	OLD A	VE. E	1081 C (OKE				MQ	NTH .	SEP	77						
DAY	,	2	3	4	5	6	7	6	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1						no fee									14	12	19	27	22	21	21	30	27	24	
2	18	13	10	13	12	32	45	33			32	15	14	12	10		9	6	7	B	31	26	9	59	
3	29	8	5	-/2	5	12	22	1 B	16	17	17	14	13	11	1.1	11	12	14	15	16	15	25 13	15	18	19
4	21	13	10	7	7	13	19		6	O	D	- 1	1	1			2	2	2	3		3	3	5	6
5	2	2	2	2	2	5	4	5	6	10	10	11	10	8	8	. 8	10	10	11	11	12	13	15	11	8
6	3	3	2	3	7	33	59	58	30	18	13	12	10			14	15	15	14	14	15	12	11	8	17
7	5	4	2	3	6	22	59 33	25	4	2	2	2		2	2	2	2	15	14	14	15	12	0	ő	
8	1	1	1	2	4	15	29	23	17	6	2	2	2		5	2			1	1	1			2	5
9	1	2	3	10	1.1	7	8	4	3		3	3		2	2	2	2	2		1	,	1	3	3	5
10	4	2	1	0	0	0	1	1	2	3	2	2	4	4	5	4	6	7	7	4	3	2 5	9	7	4
1.1	6	4	3	- 1	1	3	5	4	4	2	2	2	3	20	-		12	141							
1.2	6	5	5	6	12	17	14		15	12	6	2	3	1	0		0	0	0	15	22	24	24	12	6
1.3					10.40	10.0	1.7		1.5	1.2		- 1	2	4	1	2	1	1		•					6
1.4	5	6	4	2	2	9	16	14	8	6	6	5		8		6	3	9	3	4	7	16	13	10	* * * * * * *
15	7	3	5	5	10	32	59	36	6	3	2	2	2	2	11	14	14	13	12	14	20	31	31	24	12
1.6	Ŷ		7	- 7				30 R				5	- 2	6				1	1	1	1	1	1	1	В
1.7	31	21	18	14	6	8	9		8	6	7				7	19	15	35	39	1.1	15	20	21	47	14
1.8	23	20	18	13	6	4	6	4		7	6	5	4		-				14	19	19	1.7	16	23	14
19	8	3	3	3	7	14	21	14	10		****	4			4	4	15	11	8	10	33	29	30	19	13
20	2	ĭ			,		2	4	3	5	13	19	12	9	3	14	18	20	3	2	1	2	2	1	8
						,	-		3			19	12	13	1.1	6	3	2	1	,	0	0	0	0	4
21	3	-4	-62	4	5	16	31	28	22	18	17	15	17	18	20	26	23	23	17	14	11	В	В	6	15
22	4	2	2	4	8	21	34	34	24	18	14	10	8	9	6	7	2	2	2	3	41	55	48	39	
23	27	6	6	4	8	25	39	34	19		В	3 3 5 8	2	2	14	5	2	2	1	3	16	19	11	12	17 12 3 4 5
24	1	!	1	2	3	8	12	7	3	3	3	3	3	2	1	1	-1	1	1	1	3	4	4	3	3
25	3	3	2		1	3	4	5	10	7	3	3	2	****	4	4	3	5	9	14	3	2	2	2	ă
26	2	2	2	1	1	2	18	15	6	3	4	5	7	5	6	8	8	7	3	3	5	4	3	1	5
27	1	-1	4	- 1		4	8	7	7	8	10	8	7		5	9	11	14	16	11	9	7	5	5	7
28	3	1	1	2.	2	1.1	21	21	14	9	8	11	9	11	12	14	16	12	11	12	24	25	21	12	12
29	8	3	2	4	9	30	45	41	30	13	7	9	10	11	5	3	4	5	7	6	4	4	3	3	11
30	5	6	10	10	16	14	18	21	••••	20	8	1.1	12	17	18	17	11	28	27	17	17	10	11	16	15
MEAN	8	5	4	4	6	13	22	18	11	9	8	7	6	7	7	8	8	10	9	8	12	13	12	13	9.5

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 5.8

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS	. 0	01 PA	RTS/M	ILLIO	N						
	5"	ATION	· c	NO	35033		EVANS	/ARNO	DLD A	VE. E	TOBIC	OKE				MON	тн - (oct	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	10	2	2	3	4	8	9	9	9	12	14	13	1.1	10	11	14	15	11				-		190
2	5	3	1	1	1	2	3	3	4	6		9	10	7	7	9	14	20	16	29	18	5. 21	23	5	9
3	1	1	1	1	5	19	28	21	10	7	6	7	7	7	10	10	11	10	8	10	8	13	13	7	9
4	3	1	1	1	4	16	31	28	16	10	9	8	7	8	11	14	13	14	18						9
5	19	12	4	4	3	12	44	17	7		17	11	7	2	2	3	2	2	2	24	19	12	15	21	13
6	5	2	2	3	9	32	29	28	16	12		9	11	11	14	14	15	17	17	11	2	. 2	4	6	8
7	10	4	3	3	6	21	37	33	17		3	5	3	2	3	4	2	2	* 7		12	14	20	15	14
8	0	O	0	0	0	0	1	2	2	2	2	- 2	2	1	2	2	2	2	2	0	0	0	0	1	7
9	2	2	2	2	1	3		1	3	3		-		- 4	1		4	3	2	1	3	1	- 1	- 1	1
10		1	1	1	,	1	2	2	2	2		4	3	3	1	3	3	11	12	34	10	3	16	43	2 7
11	25	3.7	19		2	3	9	10	-		-	2		. 2		- 1									
12		1	. 5	100	1	1	5	7	7	6	7	3	4	4	4	3	4	6	2	1	1	1	0	1	7
13	9	6	ė	7	11	36			4				1	5	5	8	8	7	7	10	11	14	17	16	6
14		1	3	3	16	37	54 56	58 52	44	18		4	6	8	8	5	3	3	4	4	4	3	3	2	13
15	29	23	14	10	13	25	47			22		5	11	5	4	5	5	4	3	5	3	6	36	36	16
16	3	2	1.4	1	0			56	32	18		10	3	1	1	0	0	10	33	26	9	10	1.1	4	16
17	õ	ő	0	o	0	0	1	- 1		3		6	8	6	6	7	7	7	5	4	3	2	2	1	3
18	9	7	19	15	12	8	13	11	8	5	7	6	• • • •	8	10	13	15	16	18	21	17	9	7	10	9
19	57	45	32	28			14	7	4	4	4	3		4	4	3	3	3	3	4	16	16	29	44	10
20	3	45	32		33	48	59	66	58	54		24	****	16	15	18	23	17	15	10	8	8	1.1	7	30
20	3	1	7	1	4	23	54	42	24	17	14	11	••••	7	7	16	21	32	29	24	16	18	33	20	18
21	31	19	29	19	10	6	20	32	14	6	5	3	2	1	1	3	2	ï	4	2	1	411	2	2	9
22	1	1	1	1	1	3	9	13	9	7	7	6	5	6	6	9	9	10	1.1	9	7	16	22	11	8
23	10	13	8	6	6	9	9	7	5	- 4	3	2	1	1	1	1	1	3	16	24	32	44	36	25	11
24	22	14	9	1.1	17	36	61	57	44		7	5	- 5	4	4	8	10	9	5	7	43	67	67	86	26
25	72	49	39	47	54	87	93	93							10	9	5	3	3	21	18	11	6	13	35
26	28	8	8	26	22	57	61	72	35	13	11	8	6	6	15	18	17	9	22	33	37	31	29	29	25
27	44	34	20	15	21	33	63	72	43	19		1.1	4	4	6	6	10	7	35	67	42	8	12	7	25
28	3	3	2	3	6	25	37	35	24	20	15	12	9	7	10	5	4	4	14	48	40	30	16	18	16
29	26	17	16	12	14	1.4	18	20	23	24	10	2	2	2	2	2	2	3	5	51	47	52	61	52	
30	51	36	23	18	1.1	8	9	11	1.1	5	2	1	1	2	2	2	2	2	5	11	10	10	3	3	10
31	2	2	3	1	1	3	6	12	1.1	7	5		5	2	3	7	6	5	3	5	5	3	2	1	4
MEAN	16	11	9	В	9	19	28	28	18	11	В	7	6	5	6	7	В	8	11	16	14	14	16	16	12.6

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITTIC CAIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST DAKVILLE MONTH - JAN 77 HOUR 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 MEAN DAY 39 8 20 12 13 14 15 16 17 18 19 20 15 1 0 2 10 3 1 2 5 22 23 24 25 26 27 2 2 3 1 ***** MEAN 2 2 1 1 2 4 5 4 3 2 3 2.5

PERCENTAGE OF DATA VALID + 94.9 PERCENT

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 44010 1298 RESECCA ST OAKVILLE MONTH - FEB 77 HOUR DAY 8 9 10 11 12 13 14 15 16 17 18 19 20 22 23 24 MEAN 0 2 0 2 15 2 2 6 0 2 4 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 MEAN 1.4

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALLO - 0 4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LEUS THAN 2/3 VALID DAYA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUNINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 77 HOUR 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 0 35 12 13 14 15 16 17 18 19 20 0 5 1 0 0 3 22 23 24 25 26 27 28 29 MEAN

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ".... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ".... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PC	LLUTAN	τ.	NITRI	c oxi)E -	CHEM	ILUMINES	CENT	r				UNITS	- 0.1	01 PA	RTS/M	LLIO	N						
	51	MOITA	*II	C NO	44010		1298	REBECCA	ST	OAKVI	LLE						гн - ,		77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1.	0	0	0	0	0	0	1	2	2	1	1	1	****	D	0	0	О							-	
2	0	0	0	0	0	0	0	0	0	0	0	ó	0	o	·	9	ő	0	0	0	0	0	0	0	0
3	1	1	1	1	1	0	0	0	o	ō	0	ő	1	1	- 1	-	Ÿ		7	10	210	1	1	1	1
4	5	7	0	0	0	0	0	o o	0	ő	0	0	31		.1	- 1	- 2	1	1	1	5	10	4	4	2
5 6	0	0	0	0	0	0	0	ä	0	Ö	o	0			0	0	0	1	1	1	1	1	1	1	1
6	0	0	C	0	0		o	. 0	0	ŏ	0		1		0	1	1	1	0	0	0	0	0	0	0
7	0	0	6	o	0	0	,	1				0	0	0	0	O	0	0	0	0	O	0	0	0	0
8	0	ō	0	0	0	0	Ó	ò	0	0	0	0	0	0	1	1	1	1	1	3	1	1	0	0	1
9	2	1	0	0	0	0	0	ő	0	0	U	0	0	0	0	0	0	0	0	0	0	0	1	2	0
10	9	6	8	10	13	10	5	2	0	U	O	0	0	0	1	1	1	1	1	2	9	23	21	6	3
			•	10	1.3	1.0	5	2	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	6	4
1.1	7	В	5	2	4	6	13	6	1	1	1	Ť	1	,		4	340	41	- 4			-		5.	
12	1	1	1	1	1	1	1	1	1	1	1	1		- G	÷	- 1	4	- 1	1		4	1			3
13	1	1	1	1.	4	1	1	1	1	Ý.	1	1	1					- 1	1	3	4	- 3		,	1
14	1	1	1	1	1	1	1	1	î	1	1	1	- 1		- 4				- 2	2	2	2	1		,
15	1	1	1	1	1	1	2	3	2	2	1 .		- 4			- 1			1	3	5	3		1	1
16	1	1	1	1	1	0	1	,	1	1	1	1	- 1	- 1				- 2	-1	3	3	2	•	3	2
17	4	9	6	4	1	1	1	î	•	1	1	- 1	- 4	Ç.	- 1			- 3		4	16	7	,	2	2
18	34	21	21	16	16	15	9	1	2	2	1	2	2	- 4		o		- 2	-1	8	16	9	1	15	4
19	2	1	1	3	2	1	1	1	î	ī	i .	-	ő	ċ		o		1	2	1	1	2	1	1	6
20	7	5	1	1	1	9	8	5	3	4	ñ.			·	Ÿ	Ÿ	100		3	1	10	8	5	3	2
1015	Chr.	like o						-	•	-74				*				3	- 7	1	1	1	1	1	2
21	4	5	1	1	1	1	1	1	1	1	1	1	- 1	-1	1	1	1	•	2	3	7	96		•	
22	1	1	3	1	1	1	1	1	2	2	2	2	3	3	4	4	3	3	5	3	2	2		- 2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		ĭ	7					- 1	1	2
24	1	2	1	1	1	1	1	1	1	1	1		1	- 1			4.	100	4		3	1	1		1
25	1	1	1	1	1	30	2	1	1	1	1				- 5		- 7		- 30	31	3	2	1	3	1
26	1	0	0	2	0	0	1	1	0	O	1	1	0				0	0	ò	-		220		2.3	
27	0	1	C	1	1	5	2	2	2	1	1	1	1		ò		•		Ÿ	o	1	2	6	5	,
28	1	1	1	1	1	1	1	1	1	1	1	- 1	- 4	ò	•		- 1		2	1	1	1	1	1	1
29	0	1	0	0	0		1	1	1	1	1	'n	ò	ő			ó	0	- 2	1	1	1	1	1	1
30	2	2	1	3	2	2	3	2	2	2	2	1	1	ĭ	ò	1	1	1	1	2	5	2	2	3	1
MEAN	3	3	2	2	2	2	2	í	1	1	1	1	7	1	1	1			à	,	2	-	•	-	

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. " INDICATES DATA IS UNAVAILABLE
- 3. " ---- INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	P	OLLUTA	NT -	NITE	IC OX	IDE -	CHEM	LUMIN	NESCE	N.T				UNITS	. 0.	01 P	RTS/N	MILLIC	N							
	S	TATION	٠.	C N()	4401	C	1298	REEEC	CA ST	Г ОД	KVILLE	5				MON	NTH -	JUL	77							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	2		,	1	,	,	1	1	1	1	1			9						9	0	0		
2	C		0	. 0	0	0	0	- 1	- 1		o.	0	n	n	ò	0	ò		ò		-	- 2		5		1
3	6	5	2	2	2	3	2	2	- 1		- 1	1	ĭ	- 7		ĭ				U	9		3			1
4	1	-1	1	1	1	3 2	2	- 1	2	- 1	- 1	- 1						- 1	1	1	- 3	1	2	2		2
5 6	2	2	2	2	2	2	2	2	2	2	9	2		- 1	2	- 1		1	- 1	1	- 1	2	2	2		1
6	2	2	2	- 2	2			- 1	2	2	ş	2		2	2		- 6	- 2	2	2	2	2	2	2		2
7	1	1	1	2	0			0	ō	ō	o	ñ	-		2	1	- 1	2	1	1	1	1	1	- 1		1
8	3	2	3		4	6	7		6		4	3	4	- 1	- 2	1	- 1		1	1	1	2	4	4		1
9	3		2		2	5 2	2		2		7	1	- :		3		- 1	2	2	2	2	3	4	6		3
10	1	1		1	ō				ő	ò	ó	o		0	- 1	1	1	1	,	1	1	1	1	1		1
									o.			U		U	0	0	O	0	0	0	0	0	0	0		0
1.1	C 2 3 2	0	0		1	.0	0	0	0		1	1	1	7	1	- 1	1				120	32	ĭ	- 4		97
12	2	2 3 2	2	2	3	2 3 3	3 3 5	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	3	1		2
13	3	3	3	3	3	3	3	2	2	1	1	2	1	1	7	- 7	ī	- 7	1	2	2	3		3		2
1.4	2	2	1		2	3	5	4	2	2	- 1	2		1		1			2	2	2	4	5	2		2
15	2	2	2	2	2	2	3	3	3	3									- m		2	2	2	2		2
15 16									_				DATA	INVAL	in .							••••		• • • •		• •
17														INVAL												
16													1	1		- 4	- 1									
19	1	1	2	1	1	1	1	1	•	1	1			90	- 0				- 1		1	- 1	- 1			• •
20	1	1	1	1	1	1	1	1	,	- 1	1	1		2	2	2	2			- 1	- 1	1	3	2		1
90	12	525						371				-		-	-	•	•	,		1	-1	1	1	2		1
21	2	2	3	3	2	2	3	3	3	2	1	1	31	1	1	1	1	1	1	9	2	3	1			2
22	1	1	1	1		1	1	3	2	1	1	1	0	0	0	0	0	0	,		4	13	3	÷		2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	ī	1		- 7		1			-
24	0	0	0	0	0	0	0	0	0	1	1	1	1	1.	1	1	1	1	1				4	- 6		
25 26	1	1		1	1	1	2	- 1	1	1	1	0	1	1	1	1	1	1	,	i i			- 3	្		
26	- 1	1	1.	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1	,		- 3		- 3	- 4		2
27	1	1	0	O	0	0	1	1	3	1	0	0	0	0	0	o	0	0	0	'n	0	ò	3	3		
28	1	1	1			1	2	8	1.1	16	4	1	1	1	1	ĭ	1	1	ĭ	,		3	3	9		1
29	3	1	2	1	2	4	10	19	10	2	1	1	1	3		2	•	- 1		- 4	- 2	,	<u> </u>	4		3
30	4	1	1	*	1	1	1	7	1	1	1	1	1	1	1	î	ī	ĵ	2	2	2	2	1	,		3
31	2	3	2	1	1	1		3	Ŷ	1	10	1	.4	1	1	1	2	2	2	2	2	2	2	2		2
MEAN	2	1	1	1	1	1	2	3	2	2	1	1	-1	1	1	1	,	1	1	1	1	2	2	2		. 5

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 10.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PCL	LUTANT	-	NITRI	cixo	E - 0	HEM	ILUMINES	CENT	is .				UNITS	. 0.	01 PA	RTS/M	LLIO	N						
	STA	TION .		C NO	14010	3	298	REBECCA	ST	OAK	VILLE					MON	гн - ,	LUG	77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	2	2	2	2	2	2	2	ī		1	30	3				0		10	2.	_					-
2	3	0	0	1	1	1	6			0	0	0	- 3	0	- 2	•	- 1		1.	2	5	3	2	3	2
3	1	1	1	1	1	1	11	4	2	1	ĭ	1		- 1				- 1	3	1	1	,	- 1	1	1
4	1	2	1	1	1	2	2	2	2	2	2	- 1	- 1	- 4	- 6	1.0		- 1	100	2	1	2	1	- 1	2
5		1	1	1	2	3	3	2		2	2	3	2	2	2		- 4		-	1	1	6	2	- 2	2
6	2	2	2	3	3	3	3		2	3	3	3	2	2	2	2	- 1		2	2	2	3	3	2	2
7	1	1	1	1	1	1	1	0	0	3	ō	,	- 1	-	-		- 4	- 2		1	3.0	2.	2	1	2
8	3	2	2	2	2	2	2	2	2	2	2	9		3	3	3	3	3	3	1		5	12	3	2
9	1	1	1	1	1	2	4	3	2	1	î	- 7	1	1		3	1	1	1	3	3	3	3	2	2
10	3.	1	1.	1	1	2	2	4	3	2	• • • •	3	3	3	3	3	3	2	2	2	3	3	3	3	2
1.1	3	3	3	2	2	2	3	2	2	1	1	1	1	1	1		1		1	1	4.	-			
12	1	1	1	1	1	1	2	1	1	0	0	0	1	1	1	1	1				1	1			2
13	1	1	1	1	0	5.	3	1	1	•	0	0	i	,			4	-		- 1		!		1	
1.4	2	2	2	2	2	1	•	1	1	1	1	1	ó	o	o	Ö	ń	- 1	- 4	2	2	5		2	1
15	1	1	1	1	1	3	5	2	1	1	3.5		1	ĭ	1	0	1			٠.	5	3	4	1	2
1 6	6	3	3	4	4	5	3	1	1	1	1	1	2	2	- 2	1		4	26		3	3	6	В	2
17	3	3	1	1	1	1	1		1	1	O	ó	ō	0	ó	0			- 1	2	3	0	0	3	2
1 B	0	0	0	0	0	1	1	0	0	0	O	0	ŏ	Ö	o	0				1	1	5	0	0	1
19	1	1	1	1	1	3	8	7	6	2	1	ō	ŏ	ŏ	o	0	Ó	ò	17	2	3	5	4	,	1
20	1	1	0	0	0	0	1	,	1	1		o	1	1	1	1	1	1	1	1	1	1	3	5	2
21	9	5	4	3	3	3	4	1	1	1	1	1	1	1	0	0	0	o	0	0	0	0	0	0	
22	1.	0	0	0	0	1	0	0	0	O	0	0		4	ĭ	1	1	,	·	3	3	1			
23	1	1	1	1	0	1		1	1	1	1	0	1	1	1	- 1	1	į,		3	3	- 1	- :		
24	0	0	1	0	1	1	1.	3	1	1	1 1		1	1	1	1	1				2	3	2	2	1
25	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	4	,					11	2	1
26 27	8	8	9	7	7	8	18	8	1	1	1	0	0	0	O	1	1	•			2	3 8 2 4	' .	6	2
27	5	5	3	3	4	6	8	5	4	4	2	2	2	2	2	2	2	3	3	3	2	2	8	3	-
28	4	4	4	-4	4	4	4	5	4 5 5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	3
29	5	5	5	5	5	4	5	5	5	5	5		7	6	6	6	5	5	5	5	5	6	4	5	5
30	6	5	4	3	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5 7	6	8	3
31	5	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	9	3
MEAN	3	2	2	2	2	2	4	3	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - NOV 77 HOUR 10 11 12 13 14 17 18 19 20 21 24 MEAN DAY 17 18 38 30 42 27 5 18 6 0 0 . 23 2 0 0 26 4 0 15 10 00 20. 9 10 1 2 12 13 14 15 16 17 18 19 20 0 2 0 2 4 o ō 22 23 24 25 26 27 28 29 30 000-000-000-00. o MEAN 2.2

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION S"ATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - DEC 77 HOUR 1.1 12 13 14 15 20 21 22 23 24 MEAN o 2 0 0 2 12 13 14 15 16 17 18 19 20 37 1 5 0 2 3 2 9 7 11 11 26 5 2 0 0 0 0 2 0 0 0 11 0 0 0 0 22 23 24 25 26 27 o 2 8 MEAN 2.4

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MEMORIAL PARK YORK/IHIRD ST., CORNWALL MONTH - JAN 77 STATION - SE NO 56051 HOUR 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 4 5 12 9 11 12 13 14 15 16 17 18 19 20 0 0 o 21 22 23 24 25 26 27 0 0 0 06 0 10 2 0 0 0 28 29 30 31 1 1 0 0 MEAN 1 2 2 2 2 1.4

PERCENTAGE OF DATA INVALID - 1.7 NOTES 1. ".... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

PERCENTAGE OF DATA VALID - 98.1

3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

CNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

PERCENTAGE OF DATA UNAVAILABLE - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

POLLUTANT - NITRIC OXIDE - CHEMILLMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - FEB 77 HOUR DAY 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 20 10 0 11 12 13 14 15 16 17 18 19 20 0 0 0 21 22 23 24 25 26 27 28 0601 0 MEAN 1, 1

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *. * INDICATES DATA IS UNAVAILABLE
- 3. ".... INDICATES LE.5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 77 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 0 0 0 2 1201 3 0 1 0 0000 000 11 12 13 14 15 16 17 18 19 0 0 0 0 3 2 1 2 2 21 22 23 24 25 26 27 28 29 30 3 3 2 4 34242 3 3 4 2 1

PERCENTAGE OF DATA VALID - 99.1

1

2 2 2

31

MEAN

PERCENTAGE OF DATA INVALID - 0.7

2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

5 2

3

1 1 1

1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- * INDICATES DATA IS UNAVAILABLE

2

3. " ... " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION MEMORIAL PARK YORK/THIRD ST., CORNWALL STATION - SE NO 56051 MONTH - JUN 77 7 8 9 10 11 12 3 6 13 14 16 18 19 23 24 MEAN 15 17 20 21 22 DAY 0 0 0 2 10 11 12 13 14 15 16 17 18 19 20 0 ...0 0 0 1 0010 000 0 2 Ó 0 2 21 22 23 24 25 26 27 28 29 2 0 0 2 30 NEAN 1 2 2 2 2 2 2 2 2 2

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	P	DLLUT	ANT -	NITH	IC OX	IDE -	CHEM	ILUMI	NESCE	NT				UNIT	5 - 0	. 01 PA	RT5/M	ILLIO	N						
	S	ATIO	Ν -	SE NO	5605	1	MEMO	RIAL	PARK	YORK/	THIRD	ST,.	CORN				тн -		77						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2		2	2	2	3	3	3	3	3	3	3	3	3	3	4			~			192		
2	4	3	3	3					3		2		2	3				3	3	3	3	2	2	2	
3	2	2	2	2		2			3	3	3	3	2		2	2	2	2	2	2	2	2	2	3	
4	4	3	ε,	7	5				Ö	0	o		ő	0	2	2	1	1.	2	4	4	3	6	5	
5	0	0	0	0			0		o	0	0	0	0			0	O	0	1	0	0	0	0	0	2
6	0	0	0	ō				0	0	0	0	U	0		1	1.	. 1	10	1	1	1	1	0	0	0
7	- 7	0				2	2		0	0	0	0	0	O	0	0	0	0	1	1	1	1	1	1	0
8	0	ĭ	2	3		3					0	0	0		0	0	0	0	0	0	0	1	1	1	0
9	3	2		2	1	2		2	2	1	0		0	0	0	0	0	0	1	2	3	3	1	6	1
10	0	0					2	4	3	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	í
		0	L)	3		4		4	0	3	1	1	1	1		1	1	1	1	1	0	0	0	0	- i
1.1	0	0	0	0	0	. 0	0	0	0	0	0	0	0		- 2		12								
12	0	0	0	0	ō				1	1	v	2			0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0					0	o				1	3	1	0	0	0	0	0	0	0	0	0
1.4	0	0	- 1	0					U	0	0	1	٥	1	,	3	1	1	1	1	0	1	1	1	0
15	1	1	-	ĭ	2	9	21	- 1	1	1	1	- 1	2	2	1	1	. 1	4	1	1	1	2	1	1	1
16	1	1	4	- 6	1	,	2	3	1	2	2	2	2	1	1	1	1	2	4	7	14	2	6	1	4
17	4	2	3	2		2	3		4	2	2	2	4	3	2	2	3	4	6	3	2	2	4	2	2
18	3	3	3	3	3	3	3	5	3	3	3	3		3	3	4	4	4	4	5	4	3	3	.3	3
19	4	2	2	2		3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	5	7	В	3
20	- 12	-		*	2	3	3	2		5	••••	5	DATA	INVAL	1D .	3	3	3	3	2	2		• • • •	• • • •	3
21																									
22	f	1	(*)		×.		2	-		180		0.00	715				2	1	1	1	2	2	1	0	
23	î	- 4	360			2	4			4	3	2	2	1	2	3	2	2	2	2	4	3	3	2	2
24	Ö	ò	D.	D.	o	- 1	7		4	7	4	3	2	1	1	1	1	2	3	2	1	1	1	10	2
25	0	o	0	0		'n	0	0	2	2	- 1	- 1	1	O	0	0	0	0	3 0 0	0	0	0	0	0	- 1
26	0	0	D	0		U			0	O	O	0	- 1			0	0	0	0	1	1	1	0 0	0	0
27	0	0				- 1	2	4	3	1	1	2	3	3	1	1	0	0	0	0	0	Ó	o	0	1
28	0	0	D	0		1	1	1	1	1	2	1	1	1	1	1	1	1	1	o	ĭ	ĭ	1	1	
29	0			- 3	0	- 1	2	1	0	2	1	1	1	1	1	3	2	3	1	ĭ		1	- 4	ó	
		0	0	0		0	1	1	1	1	2	1	2	1	1	1	1	4	18	24	É	2	- 4	2	2
30	-1	0	0	0	0	2	1.1	16	8	3	2	4	7	1	3	4	6	8	6	3	4	2	- 1	1	4
MEAN	1	1	it	1	1	2	3	2	2	2	1	2	2	1	ť	1	1	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

	PO	LLUTAN	τ.	NITRI	C OXI	DE -	CHEMI	LUMIN	ESCEN	ıT				UNITS	. 0.	01 PA	RTS/N	ILLIC	N						
	57	ATION	- s	E NO	56051		MEMOR	IAL P	ARK Y	ORK/1	HIRD	5T	CORNE	VALL		MON	TH.	oct	77						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 1 1 5 1	0 0 0 0 1 1 1 1 0	0 0 0 0 0 1 1 5 0	000001100	0 0 0 0 1 1 6 0	0 0 0 0 1 1 3 0	2 2	1 0 1 1	1 1 2	2 1 1 2 2 2	1 1 1 0 2 2 2	2 0 1 1 0 2 1 2	1000	2 1 1 2 1 2 1 2	1 0 2 1 2 1 2	2 2 1 2	1 0 1 2 3 2 1		0 0 5 1 2 3 3 2	0 0 2 1 2 3 2	0 1 1 2 1 2 5 5 2	0 0 1 1 1 2 6 6 2	0 0 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 1 1 2 2 3	1 2 2 4
11 12 13 14 15 16 17 18 19	2 1 0 1 0	1 0000	1 0 0 0		1 1 0 1	1 0 5 0	1 1 0 10 2	···· 1 2 1 11 8	2 1 0 5	2 1 0 1	1 2 1 2 1		DATA	I NVAL I NVAL I NVAL I NVAL 2 2 2 1	ID -	1 2 2 1 1	1 2 2 1 1 1 1	2 2 2 2 1	5 1 2 4 1	4 1 2 2 0	2 1 2 2 1	1 1 2 2 1	1 1 7 1 2	1 1 1 5 0	1 1 1 2 1
21 22 23 24 25 26 27 28 29 30	3 0 1 1 0 0 0 0 3	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 1 4	00004000-9	0 0 1 8 0 0 3 5	0 0 0 1 1 1 0 1 0 4 4	1 0 9 32 0 2 0 2	1 0 1 49 69 0 1 0 4	0 1 0 2 24 0 1 0 2	1 0 0 1 1 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 2 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0	0 0 0 0 0 0 0 0	0001000000	0 0 0 1 0 0 0	0 1 0 0 5 1 0 0	000109008190	0 5 9 1 0 2 0 21 9	0 6 2 4 0 0 1 27	0 3 1 8 0 0 3 3 1 9	0 0 2 1 23 0 0 3 41 22	0 0 1 0 1 0 0 3 27 15	0 0 1 4 9 0 1 1 8
31 MEAN	9	B 2	9	9	B 1	7	9	12	9 2	5	1	1	1	0	0	1	1	4	3	3 3	2	2	4 5	3	5 2.2

PERCENTAGE OF DATA VALID - 78.2 PERCENTAGE OF DATA INVALID - 21.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ".... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " ... " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - D O1 PARTS/MILLION STATION - NE NO 77010 ASH ST WATER TANK, SUBBURY MONTH - JAN 77 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 3 4 5 6 7 8 9 10 0.15 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 1B 0 Ö. 1.9 MEAN

PERCENTAGE OF DATA VALUE - 09.6 PERCENTAGE OF DATA INVALID - 0.3 NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES, LE_S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION POLLUTANT - NITHIC OXIDE - CHEMILUMINESCENT MONTH - FEB 77 STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY 15 16 17 18 19 20 23 24 MEAN 5 6 7 8 9 10 11 12 13 14 12 13 14 15 16 17 18 19 20 0 0 22 23 24 25 26 27 28 1. 0 MEAN

PERCENTAGE OF DATA VALID - 97 9 PERCENTAGE OF DATA INVALID - 2 1

PERCENTAGE OF DATA UNAVAILABLE . 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 - INDICATES DATA IS UNAVAILABLE

3, ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUBBURY MONTH - MAR HOUR 7 8 9 10 11 12 13 14 24 MEAN 0 2 12 13 14 15 16 17 18 19 20 0 9 0 ò O Ó o. 22 23 24 25 26 27 28 0 0 17 0 1 D o Ö MEAN 1.6

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. '***** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMIEUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - APR 77 24 MEAN 00000-5 6 7 ...0 12 13 14 15 16 17 18 19 20 0 2 0 0 10 O 1.1 Ö 22 23 24 25 26 27 28 29 30 000. MEAN 0 B

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. " " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

																O' FA	213/W	ILLIO	N.						
	5T.	TION	- NE	NO	77016		ASH ST	WAT	ER T	ANK.	SUDBL	PY				MON	тн -	JUL	77						
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
. 1	11	ì	,			0	0	0		0	_														
2	1)	0	0	0	0	0	0	0	0	0		0	a	0	0	0	0	0	0	0	0	0	0	0	0
3	13	0	o	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	ō	o	o.	ŏ	ŏ	0
4	1	1	1	Ť			·	Ų.	0	0	0	0	0	0	1	1	1	1	1	1	,	,	ĭ	Ÿ	0
5	1	ò	ô	0	0			- 10	- 1	!	- 1	- 1	- 1	1	1	0	1	1	1	0	o	0	ń	ó	
6	0	o	6	0	0	- 1			1			1	1	. 1	. 4	1	1	10	1	1	ĭ	ř	ĭ	·	
7	1	1			9	2		10	1		• • • •	2	2	• • • •			1	1	1	1				- 1	1
8	- 1	4		1		2	3	2	1	1	1	1	1	1		1	1	1	- 1				- 3		31.
9	()	ó	o	0	0	- 1	2	1	1	1	1	1	1		1	1	1	1	o	0	o	0	o i	L	1
10	.,	3		0	U	0	0	0	0	0	0	O	0	0	0	0	0	0	o	0	0		0	0	
, 0		3			3	1	•	1	1	1	- 1	1	1	1	0	0	0	0	ő	0	0	0	6	٥	0
1.1	0	0	D.	0	7	3	4	2					_					-	0	U	C.	U	6		1
12	2	ĩ			290	ž.	7				1	1	0	0	0	0	0	0	0	0	0	4	•		4
13	1	1			4			1	- 1	- 1	- 1	1	1	1	1	1	1	1	-1	ĩ	1		- 4	- 1	1
1.4				2	2	3		- 1	1.	- 1	- 1	1	1	1	1	- 1	1	1	1	- 1				4	- 5
15	()	ó	o	ó	ő	0	8	4	2	1	1	1	1	1	1	1	1	1	1	- 1	- 7		- 1	4	1.
16	(1	o	o		0	0	0	0	0	0		0	0	0	0	0	0	0	0	Ó	o	ò	ò	ò	2
1.7	Ö	0	0	0	Ö			- 3	0	0	0	0	0	0	0	0	0	0	0	o	o	o	ő		0
18	ö	0	0	o		0	0	0	0	0	0	0	0	0	0	0	0	0	o	o	ő	6	ő	0	0
19	0	0	0	o	0	0	1	2.0		- 1	0	0	0	0	0	0	0	0	0	o	o	Ö	Ö	0	0
20	C	o			0	0	O	0	0	0	0	0	0	0	0	0	0	Ö	Ö	ő	0			0	0
20	C.	U	0	0	0	0	0	0		0	0	0	0	0	0	0	0	o	0	0	ő	0	0	0	0
21	E/	0	0	0	D	0	0	0	0	0	0	0	0		_						- 2	-	~	U	U
22	C	0	0	0	0	ō	o	0	o	o	ŏ	0	ő	0	0	0	0	0	0	0	0	0	0	0	0
23	C	0	0	0	0	ō	ō	o	o	0	ŏ	0	0		C	0	0	0	0	0		2	1	0	0
24	C	0	0	0	ō	o	Ö	o	0	0	ĭ	1	Ÿ	0	0	0	0	0	0	0	0	O	0	0	o
25 26 27	C	0	0	0	0	ō	o	0	0	0	ó	100		0	0	0	0	0	0 0	0	0	3	1	0	ő
26	C	0	0	0	o	ō	Ö	0	0	0	o	0		O	O	0	0	0	0	0	0	0	0	0	ő
27	C	0	D	0	o .	1	,		0	0	ő	0	0	0	0	0	0	O	0	0	0	0	1	0	o
28	C	0	0	0	o		2			ŏ	0		0	0	0	0	0	0	0	0	0	0	0	0	o o
29	C	0	0	0	ő	ò	ő	ò	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0
30	1	1		1	,	•	0	0	0		- 2	1	1	1	1	1	1	1	1	1	ĩ	1	ĭ	- 6	·
			- 16				0	U	0	3		1	1	1	1	1	1	1	1	1	î	i	1	ાં	i
31	lit.	1	1	1	1	1	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	c	0	O	0	0	1	t	1	0	0	0	0	o	0	o	0	0	O	0	0	0	f.	1		0.4

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " " INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - AUG 77 HOUR DAY 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 MEAN 2 3 4 5 6 7 8 9 0 0 000000-0 12 13 14 15 16 17 18 19 20 100002-000 0 2 0 Ó o o 22 23 24 25 26 27 28 0 0 ...0 MEAN 0.5

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVAL!D - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ".... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ".... INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - NOV 77 HOUR 6 7 8 9 10 11 12 13 14 15 16 19 20 21 22 23 24 MEAN ...2 ...0 ., ...0 13 14 15 16 17 18 19 20 22 23 24 25 26 27 ő Ö 0 2 29 MEAN 1.3 PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE -

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LEUS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

UNITS - 0.01 PARTS/MILLION ASH ST WATER TANK, SUDBURY STATION - NE NO 77016 MONTH - DEC 77 4 5 6 7 8 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 MEAN ...0 o ò 1 1 12 13 14 15 16 17 18 19 20 o 22 23 24 25 26 27 28 30 ,

PERCENTACE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE . 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LES THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77016 ASH ST WA	ER TANK, SUDBURY		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1 9	9	41
FEB	28	1.0	3	16
MAR	31	1.6	7	29
APR	30	0.8	5	18
MAY	31	0.2	4	6
VUN	30	0.3	1	4
	31	0.4	2	8
aut		0.5	2	5
AUG	31	1.0	4	11
SEP	26		6	26
OCT	31	1.2		16
NOV	29	1.3	4	28
DEC	31	2.2	9	
YEAR	360	1.0	9	41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - NITRIC 0x1DE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

LION - NE	11010	H.S	mercury training					
MONTH OC	TO 05 06	TO 10 11	TQ 20 21	TO 30 31	TO 40 41	TO 50 51	&OVER	TOTAL
UAN	694	25	13	4	4	N.	0	741
FEB	647	10	1	0	0	O	o	658
MAR	696	19	7	9	0	0	0	731
APR	697	1.1	7	0	0	0	0	715
MAY	7.36	1	0	0	0	0	0	737
JUN	711	0	O	0	٥	0	o	711
JUL	728	2	0	0	0	0	0	730
AUG	737	0	0	O	a	0	0	737
SEP	645	10	32	0	0	O	0	656
OCT	695	32	12	i	0	0	O	740
NOV	664	23	5	0	o	۵	0	692
DEC	6.68	45	14	6	o	0	0	733
YEAR	8318	178	60	20	4	1	0	8581

EBEQUENCY	MISTR BUIL	ION BY	PERCENTILES									
r REQUERCY.	PERCENT OF DA: A VALID	MIN	10	30	FREQUENCY 50		TRATIONS IBUTION. 90		98	99	MAX	ARITH MEAN
	98 0	0	0.0	0.0	0.0	0.6	1.9	3.5	6.7	9 9	41	1.0



LEGISLATIVE LIBRARY OF ONTARIO

9693600020202